

Hi, I'm Veerle

(I like pink. Sorry 'bout that.)

Questions? Please interrupt me.

+ we will have lots of time for questions after the talk.

Don't understand me? Please interrupt me.

The slides (with links) will be shared.

(I still like pink. Sorry 'bout that.)

# Make your theme Gutenberg compatible

(basics)

# Scenario's

- A) Do nothing
- B) Withstand\*
- C) Getting Gutenberg Ready: the basics
- D) Getting Gutenberg Ready: full force
- E) Starting Over

\*aka classic editor

SCENARIO “A”

# Do Nothing.

You just keep updating WordPress.

You have the new editor.

( doing nothing (often) IS making your theme GB Compatible :) )

All is fine? Test!

Things can break. Depending on your theme & plugins, you might not want Gutenberg for all your content, yet.

# — The “All is fine?” Test —



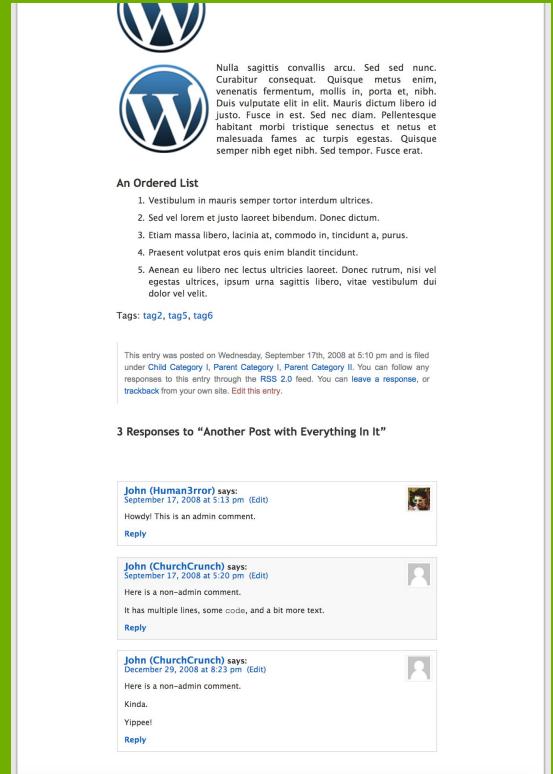
Theme = Default (Kubrik) +  
2010

Content = Pre-2010

# — The “All is fine?” Test —

## #1: check front

Looks good to me!  
Nothing changed since  
the last time I got here.



# — The “All is fine?” Test —

## #2: check admin

2.1 All the content sits in the Classic Block.



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur quam augue, vehicula quis, tincidunt vel, varius vitae, nulla. Sed convallis orci. Duis libero orci, pretium a, [convallis quis](#), pellentesque a, dolor. Curabitur vitae nisi non dolor vestibulum consequat.



Proin vestibulum. Ut ligula. Nullam sed dolor id odio volutpat pulvinar. Integer a leo. In et eros at neque pretium sagittis. Sed sodales lorem a ipsum suscipit gravida. Ut fringilla placerat arcu. Phasellus imperdiet. Mauris ac justo et turpis pharetra vulputate.

[Quote Source](#)

**Level 2 Heading**

**Level 3 Heading**

**Level 4 Heading**

**Level 5 Heading**

**Level 6 Heading**

2.2 Convert it automagically?

Another Post with Everything In It

Another Post with Everything In It

Proin vestibulum. Ut ligula. Nullam sed dolor id odio volutpat pulvinar. Integer a leo. In et eros at neque pretium sagittis. Sed sodales lorem a ipsum suscipit gravida. Ut fringilla placerat arcu. Phasellus imperdiet. Mauris ac justo et turpis pharetra vulputate.

2.3 Converted!

Another Post with Everything In It



Proin vestibulum. Ut ligula. Nullam sed dolor id odio volutpat pulvinar. Integer a leo. In et eros at neque pretium sagittis. Sed sodales lorem a ipsum suscipit gravida. Ut fringilla placerat arcu. Phasellus imperdiet. Mauris ac justo et turpis pharetra vulputate.

[READ MORE](#)

Proin vestibulum. Ut ligula. Nullam sed dolor id odio volutpat pulvinar. Integer a leo. In et eros at neque pretium sagittis. Sed sodales lorem a ipsum suscipit gravida. Ut fringilla placerat arcu. Phasellus imperdiet. Mauris ac justo et turpis pharetra vulputate.

[Quote Source](#)

**Level 2 Heading**

**Level 3 Heading**

# — The “All is fine?” Test —

## #3: check front, again.

YES

Still looks good to me.  
No code changes  
needed.

I can write edit posts or  
write new posts with the  
new block editor!

The screenshot shows a WordPress site with the title "Gutenberg-oldie" and the subtitle "Just another WordPress site". The page content includes:

- A header section with "An Ordered List Post" and "Hello world! »".
- A "Another Post with Everything In It. And from now on with Gutenberg Blocks!" section.
- A "Proin vestibulum. Ut ligula. Nullam sed dolor id odio volutpat pulvinar. Integer a leo. In et eros at neque pretium sagittis. Sed sodales lorem a ipsum suscipit gravida. Ut fringilla placerat arcu. Phasellus imperdiet. Mauris ac justo et turpis pharetra vulputate." paragraph.
- A "Quote Source" section.
- A "Level 2 Heading" section.
- A "Level 3 Heading" section.
- A "Level 4 Heading" section.
- A "Level 5 Heading" section.
- A "Level 6 Heading" section.
- An "An Unordered List" section with several list items.
- An "Image with no alignment" section featuring a blue circle icon.

The screenshot shows the same WordPress site with the following comments:

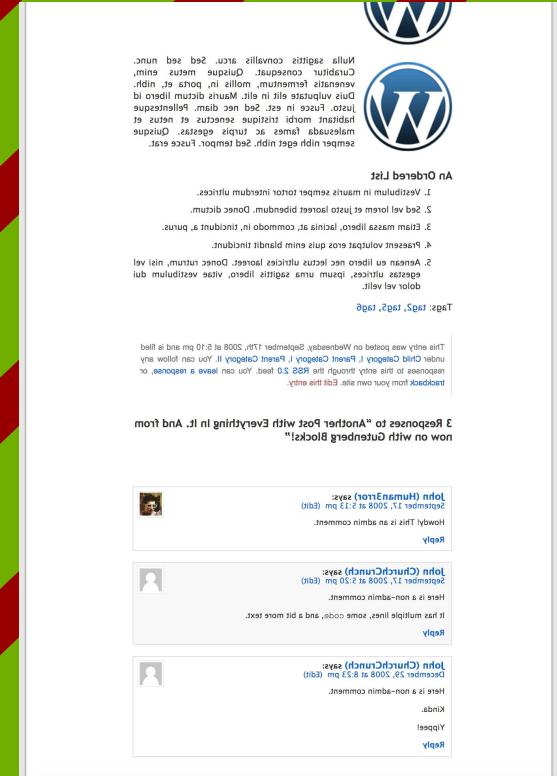
- John (Human3rror) says:** September 17, 2008 at 3:13 pm (Edit)  
Howdy! This is an admin comment.  
[Reply](#)
- John (ChurchCrunch) says:** September 17, 2008 at 5:20 pm (Edit)  
Here is a non-admin comment.  
It has multiple lines, some code, and a bit more text.  
[Reply](#)
- John (ChurchCrunch) says:** December 29, 2008 at 8:23 pm (Edit)  
Here is a non-admin comment.  
Kinda.  
Yippee!  
[Reply](#)

# — The “All is fine?” Test —

**RED ALERT?**

Please continue  
with scenario B.

Outstanding



# Scenario's

A) Do nothing

**B) Withstand\***

C) Getting Gutenberg Ready: the basics

D) Getting Gutenberg Ready: full force

E) Starting Over

\*aka classic editor

SCENARIO “B”

# Withstand the changes.

Use the classic editor or stay on 4.9.X

It's OK to hold on to what works right now.

WordPress does keep old versions secure.

*3.7.28 was released on December 12, 2018.*

*3.7 Count Basie was released on October 24, 2013.*

*But will plugins maintain compliance with both TinyMCE & Gutenberg?*

# Classic Editor settings (Settings > Writing)

## Writing Settings

### Formatting

- Convert emoticons like `:-)` and `:-P` to graphics on display
- WordPress should correct invalidly nested XHTML automatically

### Default Post Category

WordPress 

### Default Post Format

Standard 

### Default editor for all users

- Classic Editor
- Block Editor

### Allow users to switch editors

- Yes
- No

# Scenario's

A) Do nothing

B) Withstand\*

## C) Getting Gutenberg Ready: the basics

D) Getting Gutenberg Ready: full force

E) Starting Over

\*aka classic editor

SCENARIO “C”

# Getting Gutenberg Ready

## —the basics—

About full width, colours, font sizes & styles.



The Gutenberg Handbook is your friend.

<https://wordpress.org/gutenberg/handbook/>



# Add Gutenberg support to your theme

- 1) Add Theme Support for Gutenberg nicies
- 2) Add custom CSS & JS
- 3) Define Block Templates

# [Aside: Gutenberg on all post types?]

=> only if the REST API is enabled:

```
'show_in_rest' = true
```

=> only if the post type 'supports' the 'editor'

```
'supports' => array( 'title', 'editor', 'author', 'thumbnail', 'excerpt')
```

Selectively disable Gutenberg?  
Try the Gutenberg Ramp plugin:

Gutenberg Ramp

Use these settings to enable Gutenberg for specific post types.

Enable Gutenberg on

Posts  
 Pages  
 Blocks

For more granular control you can use the `gutenberg_ramp_load_gutenberg()` function. [Learn more](#)

[Save Changes](#)

## 1) Add Theme Support

Add the Gutenberg nicies you want to your theme.

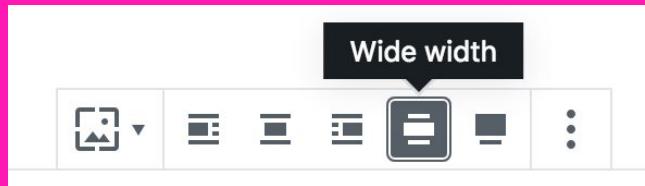
=> via `after_setup_theme` in the functions.php file.

<https://wordpress.org/gutenberg/handbook/designers-developers/developers/themes/theme-support/>

# 1) Add Theme Support

**Align-wide** - support both alignwide & alignfull options <#>

```
add_theme_support( 'align-wide' );
```

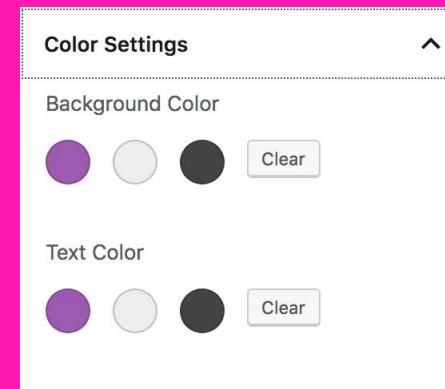
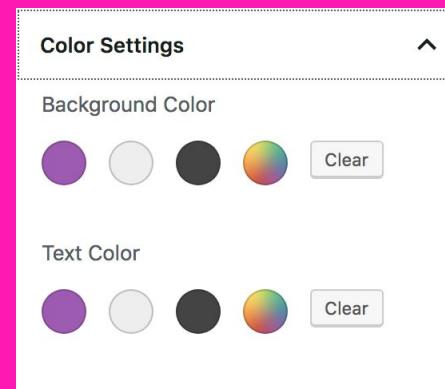
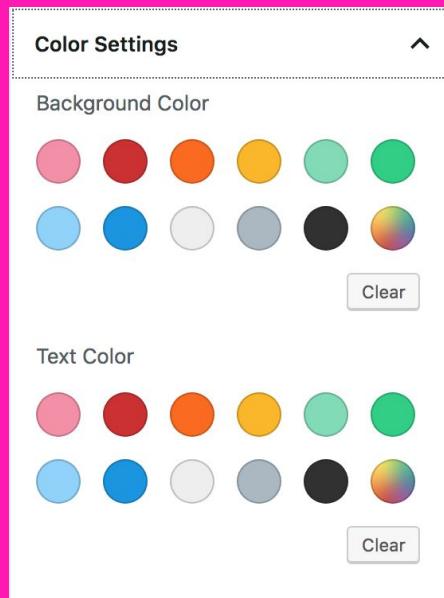


Add CSS:

```
.alignwide {  
    ...  
}  
.alignfull {  
    ...  
}
```

# 1) Add Theme Support

**Editor Color Palette** - override default, optionally disable the color picker <#>



# 1) Add Theme Support

## Editor Color Palette - override default, optionally disable the color picker #

```
add_theme_support( 'editor-color-palette', array(
    array(
        'name' => __( 'strong magenta', 'themeLangDomain' ),
        'slug' => 'strong-magenta',
        'color' => '#a156b4',
    ),
    array(
        'name' => __( 'very light gray', 'themeLangDomain' ),
        'slug' => 'very-light-gray',
        'color' => '#eee',
    ),
    array(
        'name' => __( 'very dark gray', 'themeLangDomain' ),
        'slug' => 'very-dark-gray',
        'color' => '#444',
    ),
));
add_theme_support( 'disable-custom-colors' );
```

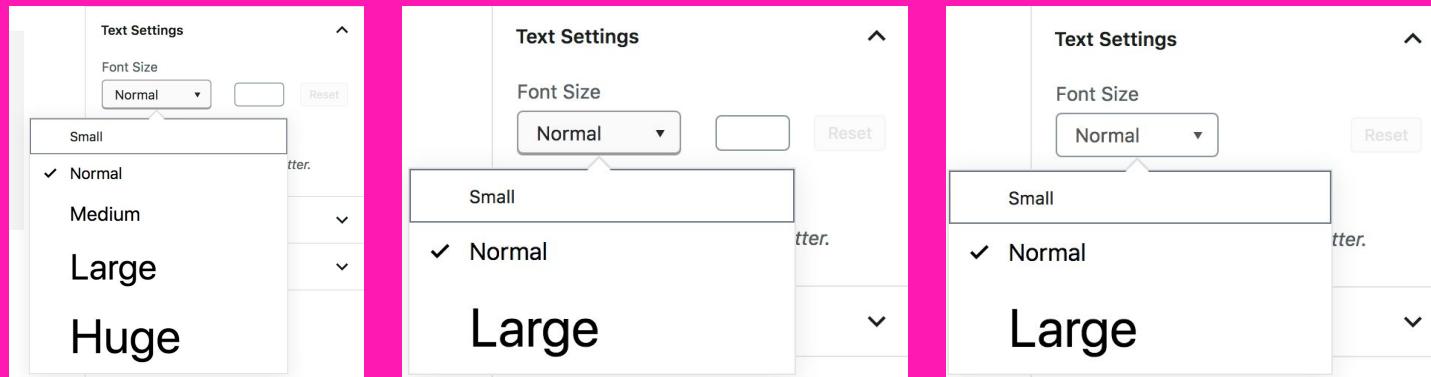
Add CSS:

```
.has-strong-magenta-background-color {
    background-color: #313131;
}
.has-strong-magenta-color {
    color: #f78da7;
}
```

```
.has-very-light-gray-background-color {
    background-color: #dadada;
}
.has-very-light-gray-color {
    color: #dadada;
}
```

# 1) Add Theme Support

**Editor Text Size Palette - override default, optionally disable the size picker #**



# 1) Add Theme Support

## Editor Text Size Palette - override default, optionally disable the size picker <#>

```
add_theme_support( 'editor-font-sizes', array(
    array(
        'name' => __( 'Small', 'themeLangDomain' ),
        'slug' => 'small',
        'size' => 12,
    ),
    array(
        'name' => __( 'Normal', 'themeLangDomain' ),
        'slug' => 'normal',
        'size' => 16,
    ),
    array(
        'name' => __( 'Large', 'themeLangDomain' ),
        'slug' => 'large',
        'size' => 36,
    ),
) );
add_theme_support( 'disable-custom-font-sizes' );
```

Add CSS:

```
.has-small-font-size {
    font-size: 0.75rem;
}
.has-normal-font-size {
    font-size: 1rem;
}
.has-large-font-size {
    font-size: 2.25rem;
}
```

# 1) Add Theme Support

## Frontend Styles #

opt-in for the core block styles on the front

```
add_theme_support( 'wp-block-styles' );
```

```
/**  
 * Don't want columns etc? Remove default Gutenberg structural front styles.  
 * But are you really, really sure you want to do this??  
 */  
function cipt_remove_block_front_css() {  
    wp_dequeue_style( 'wp-block-library' );  
}  
add_action( 'wp_enqueue_scripts', 'cipt_remove_block_front_css', 21 );
```

Without wp-block-styles:

Pull Quote!!

— from James.

With wp-block-styles:

Pull Quote!!

— FROM JAMES.

## & Editor Styles #

opt-in to add your custom styling in the editor

```
add_theme_support( 'editor-styles' );  
  
add_editor_style( 'css/custom-editor-style.css' );
```

*Do not target any of the wrapping editor class names directly!  
Target the blocks.*

# 1) Add Theme Support

## Responsive Embeds – opt-in <#>

Already in the output of embed-blocks:

```
<figure class="wp-embed-aspect-16-9 wp-has-aspect-ratio">
    ...
</figure>
```

add `.wp-embed-responsive` to the body to have blocks respect the aspect ratio of embeds with:

```
add_theme_support( 'responsive-embeds' );
```

## Dark Mode - opt-in <#>

if `add_theme_support( 'editor-styles' );` enqueues styling for a dark background, also add:

```
add_theme_support( 'dark-editor-style' );
```

## 2) Add custom CSS & JS

`wp_enqueue_script`  
`wp_enqueue_style`

+ the new:

Load only in the editor:

`enqueue_block_editor_assets`

Load in both editor and front:

`enqueue_block_assets`

Load only in the front:

`enqueue_block_assets & ! is_admin()`

Don't forget .alignwide & .alignfull classes

Don't forget the classes for your custom colors & font sizes

Extra styling existing blocks? Find the block classes!

.wp-block-cover

.wp-block-separator

.wp-block-embed-vimeo

*List of core blocks: <https://gutenberg.com/blocks/>*

*Try to keep the looks of the editor in sync with the front as much as possible!*

*Tip: create a kitchensink page to check your styles for all blocks and all variations. Plugin tip: [Block Unit Test](#)*

## Custom JS?

You're probably in the realm of custom blocks (not so basic anymore ;)

Make use of the WP Core JS libraries!

especially: wp-element, wp-blocks, wp-components & wp-i18n

Enqueue with the dependencies you need:

```
wp_enqueue_script(  
    'my-block-editor-js',  
    plugins_url( '/blocks/custom-block/index.js', __FILE__ ),  
    [ 'wp-blocks', 'wp-element', 'wp-components', 'wp-i18n' ],  
    filemtime( plugin_dir_path( __FILE__ ) . 'blocks/custom-block/index.js' )  
);
```

### 3) Define Block Templates

Suggest a page/post structure to your editors.

All info & examples:

<https://wordpress.org/gutenberg/handbook/designers-developers/developers/block-api/block-templates/>

Create a block template in code,

add it to one or more post types (while or after registering the post type),

restrict the template if you'd like.

[Nice blogpost from Bill Erickson](#)

CAUTION:  
Beware of existing content if you  
lock the template...

# 3) Define Block Templates

Core blocks (slugs)

```
// Block template example
// https://wordpress.org/gutenberg/handbook/designers-developers/developers/block-api/block-templates/
function cipt_register_template() {
    $post_type_object = get_post_type_object( 'post' );
    $post_type_object->template = array(
        array(
            'core/cover',
            array(
                'dimRatio' => 60,
                'overlayColor' => 'pale-pink',
                'contentAlign' => 'left',
                'align' => 'full',
            ),
        ),
        array(
            'core/heading',
            array(
                'placeholder' => 'Tussentitel',
                'level' => 3,
            ),
        ),
        array(
            'core/paragraph',
            array(
                'placeholder' => 'Paragraaf',
            ),
        ),
        array(
            'core/paragraph',
            array(
                'placeholder' => 'Paragraaf',
            ),
        ),
    );
}

add_action( 'init', 'cipt_register_template' );
```

# 3) Define Block Templates

Post published. [View Post](#)

[Edit post](#) [Delete post](#) [Report post](#)

## Add title

Cover

Drag an image or a video, upload a new one or select a file from your library.

[Upload](#) [Media Library](#)

### Tussentitel

Paragraaf

### Tussentitel

Paragraaf

This is how a post will look like



Marseille in pink smog. What's next?

Why pink?

Well, Synephebos ego, inquit, potius Caecilius aut Andriam Terentii quam utramque Menandri legam? A quibus tantum dissentio, ut, cum Sophocles vel optime scripsit Electram, tamen male conversam Atillii mibi legendam putem, de quo Lucilius: 'ferreum scriptorem', verum, opinor, scriptorem

2/10/2018 BY YERICK VERBEEK  
This is how a post will look like



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Only Marseille?

No, every city is at risk. Synephebos ego, inquit, potius Caecilius aut Andriam Terentii quam utramque Menandri legam? [5] A quibus tantum dissentio, ut, cum Sophocles vel optime scripsit Electram, tamen

# Scenario's

- A) Do nothing
- B) Withstand\*
- C) Getting Gutenberg Ready: the basics
- D) Getting Gutenberg Ready: full force
- E) Starting Over

\*aka classic editor

SCENARIO “D”

# Getting Gutenberg Ready

## —full force—

- 👊 Learn JavaScript deeply.
- 👊 Learn React.
- 👊 Just try some plugins.

## The Handbook

<https://wordpress.org/gutenberg/handbook/designers-developers/>

All you need to know about the key concepts, theming for blocks, the block API, the available packages (like @wordpress/i18n), the full list of core components (you can use to build your block) and more.

## On GitHub

<https://github.com/WordPress/gutenberg/>

## Learn React.js?

<https://reactforbeginners.com/> & <https://advancedreact.com/> from Wes Bos

<https://www.udemy.com/react-the-complete-guide-incl-redux/> from Maximilian Schwarzmüller

## Learn Block development?

[Learning Gutenberg on CSS-tricks.com](#) (series)

[Gutenberg Block Development](#) (Zac Gordon)

[Advanced Gutenberg Block Development](#) (Zac Gordon)

[Fronteers WordPress Gutenberg Workshop](#) (Luc Princen)

## Jumpstart

[Create-Guten-Block developer toolkit](#) (@AhmadAwais)

## Plugins

[Plugin Block Lab](#)

[ACF Blocks for Gutenberg \(in beta\)](#)

SCENARIO “E”

# Starting Over

Design for flexibility. Build with components.

# Starter themes?

Still early days..

<https://github.com/WordPress/gutenberg-starter-theme>

& for Drupal lovers: [https://www.drupal.org/project/gutenberg\\_starter](https://www.drupal.org/project/gutenberg_starter)

<https://github.com/WordPress/twentynineteen/>

*Jeremy Englert (JointsWP): “I hope future versions of JointsWP can include custom Gutenberg blocks for the frameworks it supports. For example, it would be awesome to have all of the Foundation components be available as Gutenberg blocks.”*

**Power to the blocks!**

**Re-empower the content!**

**Keep things semantic & styleable!**

