



# Custom Gutenberg Block

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**We're an independent**  
**design & development**  
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## **GDJE SMO TRENUTNO?**

**Gutenberg 4.6.0 – prije 4 sata**

**Gutenberg 4.5.1 – 21.11.2018.**

**WordPress 5.0 RC – 23.11.18.**

**WordPress 5.0 – ???**

WordPress / **gutenberg**

Watch 313

Star 3,803

Fork 1,072

Code

Issues 1,344

Pull requests 221

Projects 8

Wiki

Insights

Printing since 1440. Development hub for the editor focus in core. Plugin is available from the official WordPress repository.

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

wordpress

gutenberg

wordpress-plugin

8,651 commits

293 branches

661 releases

338 contributors

View license

## **GDJE SMO TRENUTNO?**

**Poprilično stabilan i responzivan editor**

**Uvelike unaprijeđeno iskustvo u odnosu na Classic Editor**

**Ujednačen urednički i prezentacijski prikaz**

**Dodatne opcije za layout članaka i stranica**



# Sample Gutenberg Post



hankle frankfurter ribeye, buffalo swine porchetta ham hock  
jowl chicken tail ground round. Kielbasa tri-tip bacon pork belly

Document

Block



## Status & Visibility



Visibility

[Public](#)

Publish

[Nov 26, 2018 11:06 pm](#)

Post Format

Standard ▾



Stick to the Front Page

Move to trash



13 Revisions

Permalink



Categories



Tags



Add New Tag

Featured Image



Set featured image



# COLUMNS BLOCK

- Broj kolona
- Ugniježdene kolone

Switch to Draft

Preview

Update

Document

Block

Columns

Add a block that displays content in multiple columns, then add whatever content blocks you'd like.

Columns

2

Advanced

S

hankle frankfurter ribeye, buffalo swine porchetta ham hock jowl chicken tail ground round. Kielbasa tri-tip bacon pork belly short loin jowl porchetta alcatra. Shoulder hamburger pork chop flank kevin jowl capicola ribeye. Cow turducken turkey jerky meatball tongue alcatra jowl pork belly t-bone doner bresaola venison frankfurter. Drumstick spare ribs alcatra bacon. Pork loin swine hamburger tri-tip shankle chuck.

Bacon ipsum dolor amet beef ribs pork loin biltong venison short ribs landjaeger meatloaf shank porchetta bacon pork belly t-bone tri-tip flank. Hamburger short ribs pork chop sirloin. Prosciutto pig hamburger ham.

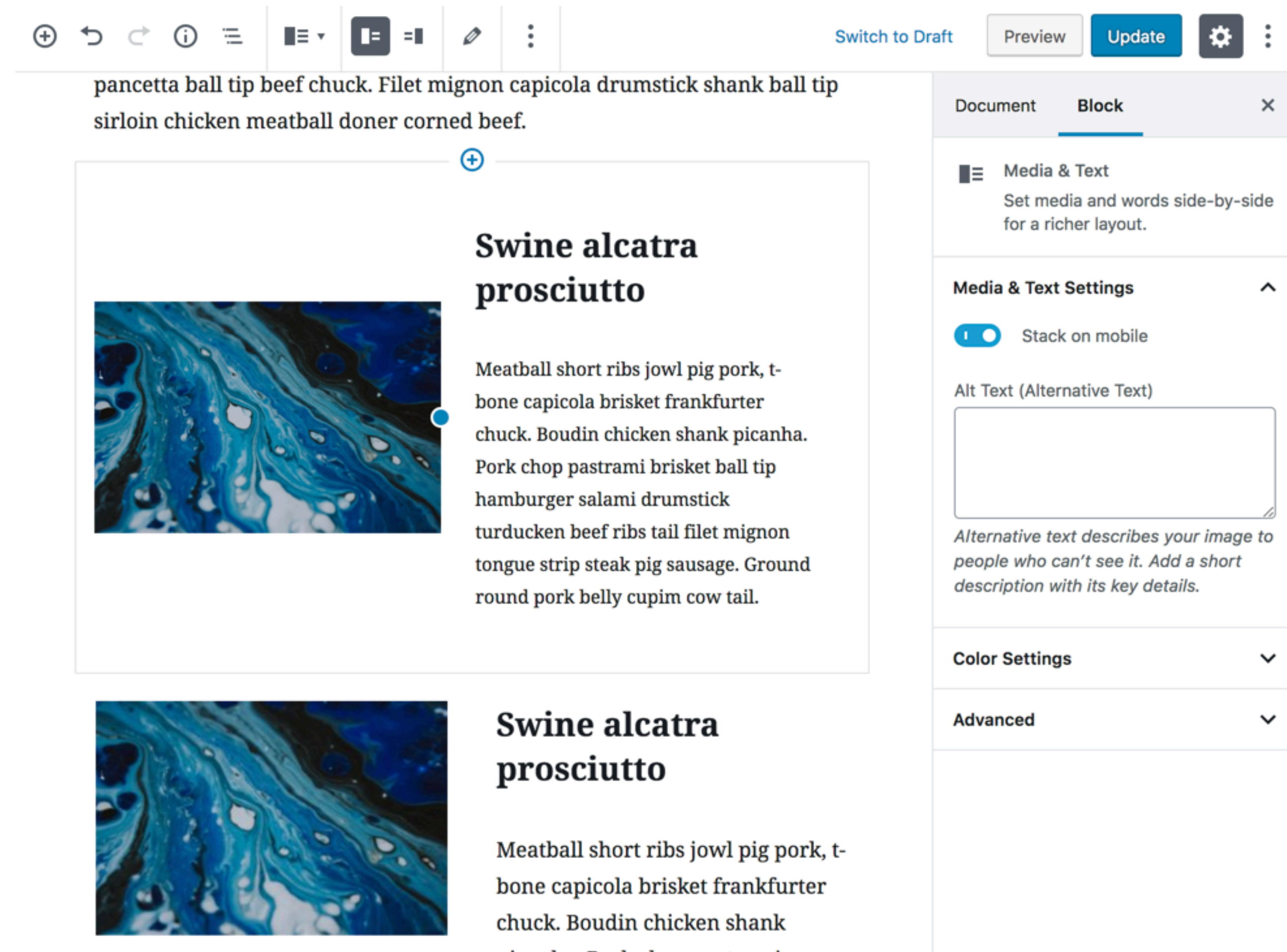
Meatball drumstick strip steak turkey cow pork belly capicola meatloaf leberkas tail spare ribs. Pork pastrami venison chuck pork chop tri-tip jerky meatball beef doner. Ball tip capicola ribeye brisket short ribs jerky.

Shoulder pig meatball burgdoggen

Kielbasa shoulder ball tip jerky alcatra corned beef. Pork chop jowl short ribs frankfurter beef fatback t-bone. Biltong brisket beef ribs, pastrami jowl pancetta ball tip beef chuck. Filet mignon capicola drumstick shank ball tip sirloin chicken meatball doner corned beef.

# MEDIA & TEXT BLOCK

- Opcije pozicije i responzivnosti
- Veličina media elementa



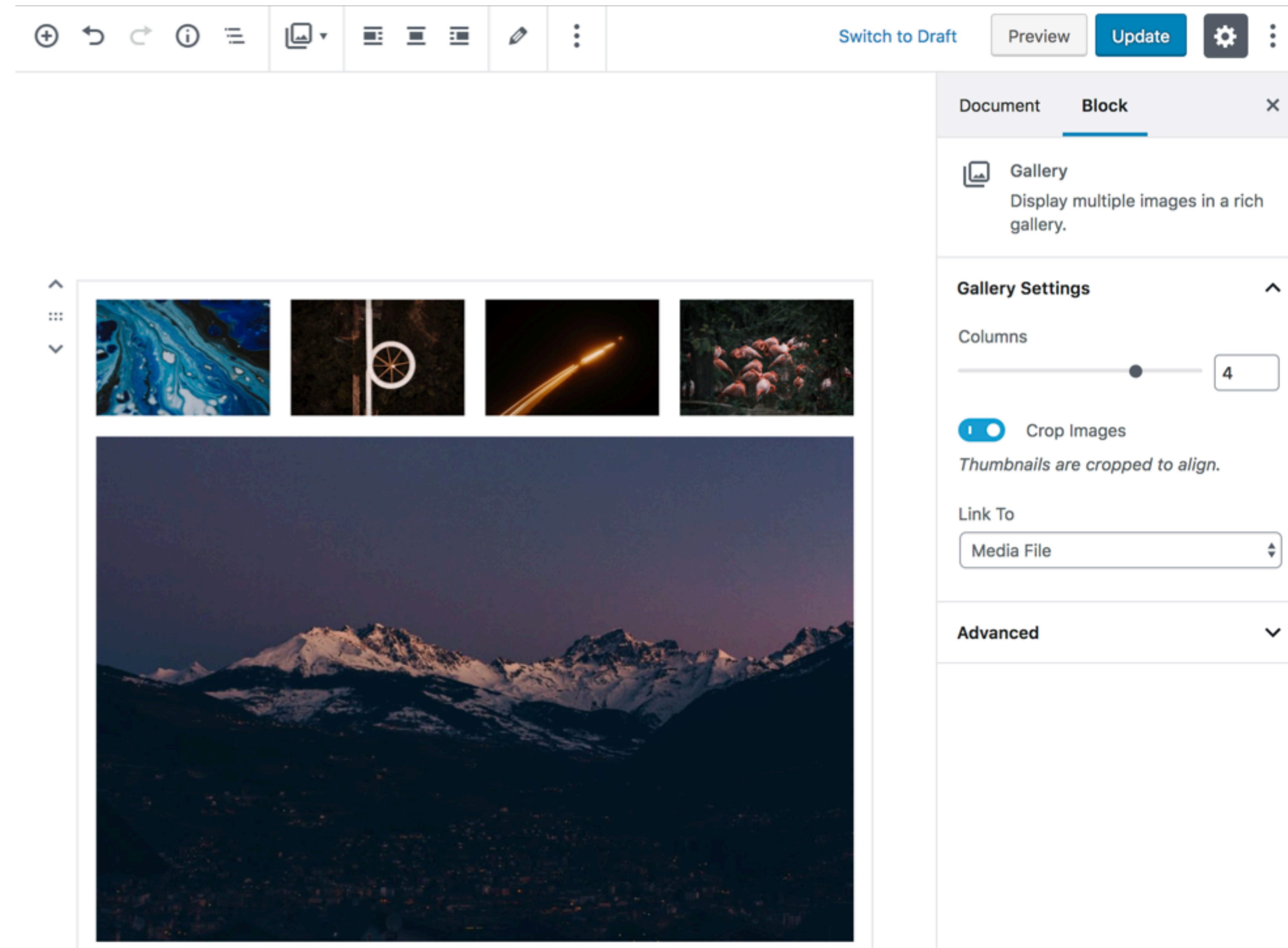


# SPACER BLOCK

- Mijenjanje visine

# GALLERY BLOCK

- Auto layout



**OKRUŽENJE ZA RAZVOJ**

# PREDUVJETI

Custom Block Plugin

“Potrebno” je imati build proces (Webpack, Gulp i sl.)

“Opcionalno” korištenje JSX sintakse

Razumijeti ES6+ (React) sintaksu

## custom-gutenberg-blocks.php

```
/**
 * Plugin main file

 * Plugin Name:      Custom Gutenberg Blocks
 * Plugin URI:
 * Description:      Collection of custom Gutenberg blocks
 * Version:          1.0.0
 * Author:           Eightshift Team <team@eightshift.com>
 * Author URI:       https://eightshift.com/
 * Text Domain:      custom-gutenberg-blocks
 */

namespace Custom_Gutenberg_Blocks;

// Exit if accessed directly.
defined('ABSPATH') || exit;
```

```
function enqueue_block_assets() {

    // Enqueue the bundled block JS file
    wp_enqueue_script(
        'custom-gutenberg-blocks-js',
        plugins_url( '/assets/js/editor.blocks.js', __FILE__ ),
        [ 'wp-i18n', 'wp-element', 'wp-blocks', 'wp-components' ]
    );

    // Enqueue compiled block styles
    wp_enqueue_style(
        'custom-gutenberg-blocks-css',
        plugins_url( '/assets/js/editor.blocks.css', __FILE__ ),
        [ 'wp-blocks' ]
    );
}

// Enqueue block editor only JavaScript and CSS.
add_action( 'enqueue_block_editor_assets', __NAMESPACE__ . '\enqueue_block_assets' );

// Enqueue block JavaScript and CSS.
add_action( 'enqueue_block_assets', __NAMESPACE__ . '\enqueue_block_assets' );
```



## blocks/index.js

```
/**
 * Import custom blocks
 */

import './text-title-block';
import './image-title-block';
import './slider-block';

...
```

## blocks/text-title-block/

```
|
|_ index.js
|_ style.scss
...
|_ components
|_ editor.scss
|_ front.scss
```

# ANATOMIJA GUTENBERG BLOKA

# OSNOVNE POSTAVKE

Svaki block bi trebao biti zasebna komponenta sa svim svojim specifičnim funkcionalnostima

Ovisno o kompleksnosti block se može razbiti na više modula

Glavni dijelovi svakog blocka su *attributes objekt*, te *edit* i *save* metode

Sve počinje sa funkcijom *registerBlockType*

## blocks/title-text-block/index.js

```
import { registerBlockType } from '@wordpress/blocks';

export default registerBlockType(
  'block-domain/title-text-block',
  {
    title: 'Title and text block',
    description: 'Basic horizontally aligned title and text', // Optional
    category: 'formatting',
    icon: 'book-alt', // Optional
    keywords: [], // Optional
    styles: [], // Optional
    transforms: [], // Optional
    parent: [], // Optional
    supports: {}, // Optional

    attributes: {}, // “Optional”

    edit: () => { },

    save: () => { },
  }
);
```

# ATTRIBUTES:

Objekt koji sadrži sva promjenjiva stanja  
jednog bloka.

Sadržaj, stilovi, layout

```
attributes: {
  title: {
    type: 'array',
    source: 'children',
    selector: '.example-title',
  },
  text: {
    type: 'array',
    source: 'children',
    selector: '.example-text',
  },
  color: {
    type: 'string',
  },
  textColor: {
    type: 'string',
  },
  textAlign: {
    type: 'string',
  },
  blockAlign: {
    type: 'string',
    default: 'full',
  }
}
```

# EDIT:

Metoda koja definira izgled i funkcionalnosti blocka u editoru

U ovo metodi se postavljaju komponente koje omogućuju uređivanje sadržaja i stila pojedinog blocka.

<https://github.com/WordPress/gutenberg/tree/master/packages/editor/src/components>

```
edit: props => {
  const {
    attributes: { title, text, color, ... }, ...
  } = props;

  const colors = [ ... ];

  return [
    <InspectorControls>
    </InspectorControls>,

    <BlockControls>
    </BlockControls>,

    <div className={className}>
      <RichText
        tagName='h2'
        placeholder={__( 'Enter title of this section', 'custom-gutenberg-blocks' )}
        onChange={title => setAttributes( { title } )}
        style={{ color: color }}
        value={title}
      />

      <RichText
        tagName='div'
        multiline='p'
        placeholder={__( 'Enter text of this section', 'custom-gutenberg-blocks' )}
        onChange={text => setAttributes( { text } )}
        style={{ textAlign: textAlignment, color: textColor }}
        value={text}
      />
    </div>
  ];
}
```

## SAVE:

Metoda koja definira izgled blocka na frontendu i ono što će se spremiti u bazu

Struktura blocka (markup, klase, stil, atributi i sl.) i njegov sadržaj

```
save: props => {
  const {
    attributes: {
      title, text, color, textColor, textAlignment,
      titleAlignment
    }
  } = props;

  return (
    <div>
      <div className='example-title' style={{ color: color }}>
        {title}
      </div>

      <div className='example-text' style={{ textAlign:
textAlignment, color: textColor }}>
        {text}
      </div>
    </div>
  );
},
```



# Welcome to the Gutenberg Editor

## This is the title

Bacon ipsum dolor amet drumstick frankfurter biltong filet mignon corned beef turkey. Ball tip meatball ham ground round. **Turducken** bresaola andouille shank tri-tip meatball spare ribs meatloaf *tongue rump ground round sirloin beef* filet mignon corned beef. Alcatra prosciutto flank, chuck brisket jowl pork loin cupim kielbasa pork belly rump meatloaf **chicken tail**. Swine boudin bacon brisket, salami chicken landjaeger pork belly pancetta shoulder prosciutto pork chop frankfurter venison capicola. Shoulder leberkas shankle boudin pork loin alcatra landjaeger pig tenderloin pork belly. Shank sirloin pork doner.

Document

## Block



### Example - Text Title

Example block for title and text

## Accent Color



Title Color:

Clear



Text Color:

Clear

### Advanced



# BOILERPLATES

Zac Gordon: <https://github.com/zgordon/gutenberg-course>

Ahmad Awais : <https://github.com/ahmadawais/create-guten-block>

**VANJSKA INTEGRACIJA (PLUGINOVİ)**

# ACF PODRŠKA

Nema konfliktata između ACF-a i Gutenberga

ACF 5.8 – ACF Blocks for Gutenberg

Registiranje ACF blokova – `acf_register_block`

Definiranje template-a bloka

# RESURSI

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

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

Editor Blocks: <https://editorblockswp.com/library/>

Atomic Blocks: <https://atomicblocks.com/>

ACF Blocks for Gutenberg: <https://www.advancedcustomfields.com/blog/acf-5-8-introducing-acf-blocks-for-gutenberg/>



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Any questions?

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