Wordpress

Reference Only

3 Essential Elements for a Website

1) Domain Name

e.g. www.abc.com (Website Address)

2) Web Host

e.g. bluehost, Godaddy etc.
(server space to store website files so that it is accessible on the internet)

3) Web Application Framework

*CMS (**Content Management System** of a website such as WordPress)*

Open Source vs Proprietary

Ideal for blogs, small to medium-sized websites, and simple e-commerce sites. Its simplicity and vast ecosystem make it suitable for a wide range of users.

Best suited for complex, large-scale websites and applications with specific requirements. It is often chosen for enterprise-level solutions and highly customized projects.

Suitable for websites that require a more complex structure, such as community portals, government websites, and e-commerce sites.

Wix is a versatile platform suitable for a wide range of users, including individuals, small businesses, and freelancers.

SQUARESPACE

Designed for creatives, artists, and small businesses looking for a visually appealing and easy-to-use platform.

SHOPIFY

Shopify is specifically designed for e-commerce.

Pros and Cons of WordPress

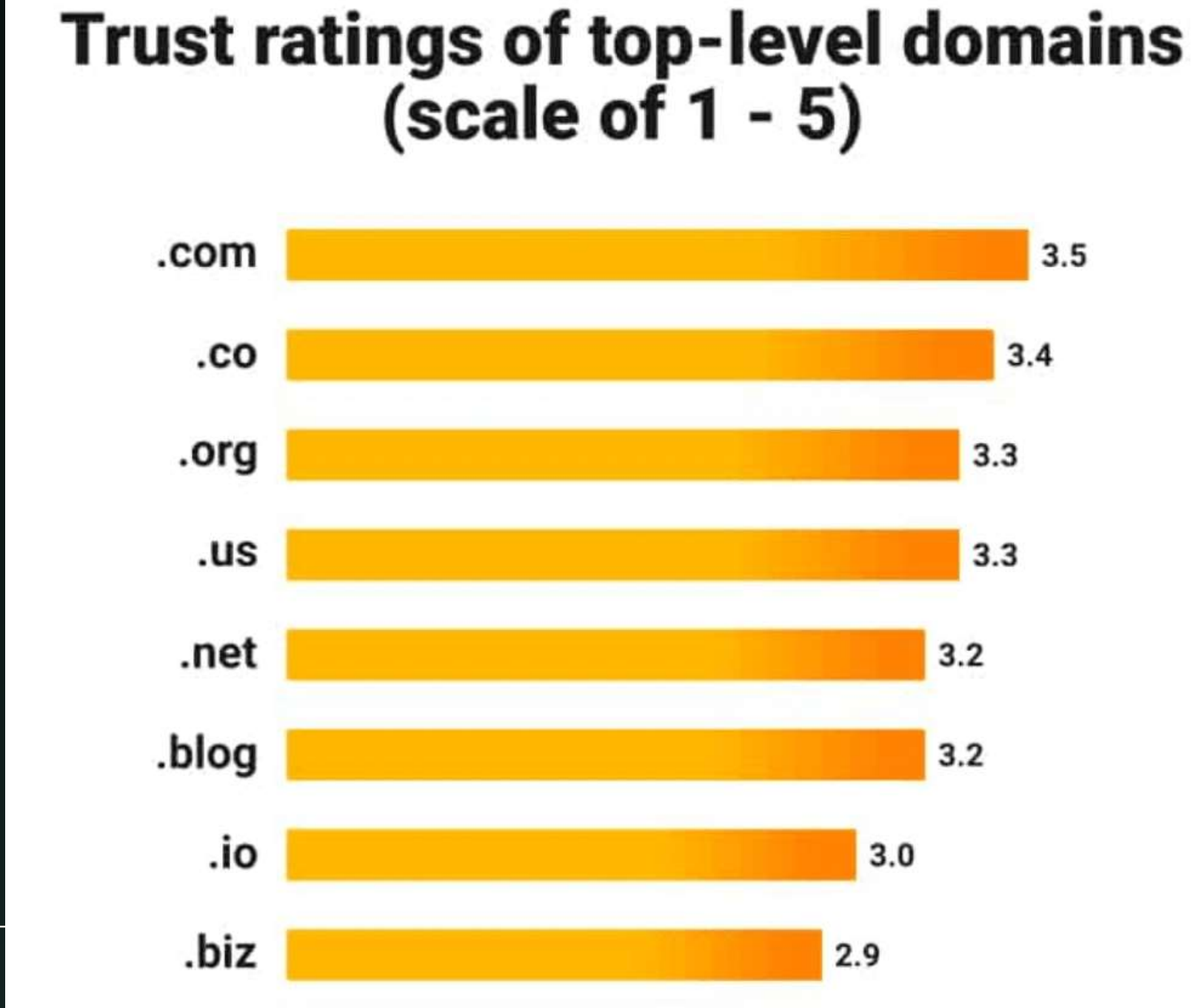
Pros	Cons
User-Friendly - WordPress is known for its easy-to-use interface, making it accessible for beginners.	**Security Risks** - Being the most popular CMS, it's a frequent target for hackers. Regular updates are necessary for security.
Customizable a) **Wide range of themes** – thousands of free & premium themes for design & appearance. b) **Plugins for functionality**, from SEO to e-commerce, highly customizable	**Performance** - With many plugins and customizations, the site can become slow and require additional optimization.
SEO-Friendly - Offers many SEO tools such as **Yoast SEO**, to help websites rank higher in search engines.	**Updates** - Frequent updates can be overwhelming and might break the site if not managed properly.
Large Community - Extensive community support such as resources, forums, documentation for troubleshooting and development.	**Plugin Compatibility** - Not all plugins are always compatible with each other or with the latest version of WordPress.
Cost-Effective - WordPress itself is free, and many plugins and themes are available at no cost.	**Customization Complexity** - Advanced customization may require knowledge of HTML, CSS, and PHP.

Pros and Cons of WordPress

Pros	Cons
Multilingual Support - Supports many languages, which is beneficial for international sites.	**Standardized Look** - Many sites can end up looking similar due to the use of common themes.
Responsive Design - Most themes are mobile-friendly and responsive out of the box.	**Maintenance Overhead** - Requires regular updates, backups & maintenance to keep the site secure and functional.
Regular Updates & Security - Continuously improved with new features and security updates to keep websites safe from vulnerabilities.	**Scalability** - While scalable, it requires significant effort and resources to handle very high traffic loads.
Content Management - Intuitive content creation and management tools such as content scheduling, categories, and tags.	**Reliance on Themes & Plugins** – Additional unused features or over reliance on themes or plugins can lead to website's performance as well as add to overhead.
E-Commerce Solutions - Integration with WooCommerce and other e-commerce platforms.	**Learning Curve** - While user-friendly, there is still a learning curve for more advanced customization & development.

Domain name

- .com or .org or .net or…
- Numeric?
- Length?
- Main domain, sub-domain or sub-directory?



Choosing the Right Web Host

Performance

A good host can significantly improve your website’s loading speed, which is crucial for user experience and SEO.

Security

Hosts with robust security features protect your site from threats like hacking and malware.

Uptime

Reliable hosting ensures your site is up and accessible to visitors most of the time.

Support

Quality customer service ensures you have help available when needed, especially important for those new to WordPress.

Choosing the Right Web Host

How does Hosting Providers affect operations & usability?

Reliability:

- A reliable host with good server performance ensures a website to operate smoothly and accessible to visitors most of the time.

- Provides a better user experience.

Functions of Plugins

Functionality Enhancement:

Plugins allow website owners to **add specific features** without having to write them from scratch, extending WordPress's basic functionality.

Customization:

They offer **customization options** to meet diverse needs, making it easier to tailor a website to specific requirements or preferences.

Efficiency and Productivity:

Plugins can **automate** many tasks (like SEO optimization, backups, or spam filtering), **saving time and improving efficiency.**

Improve User Experience

Many plugins are designed to enhance the user experience, such as by **improving website speed**, adding **contact forms**, or creating more **engaging visuals**.

Security

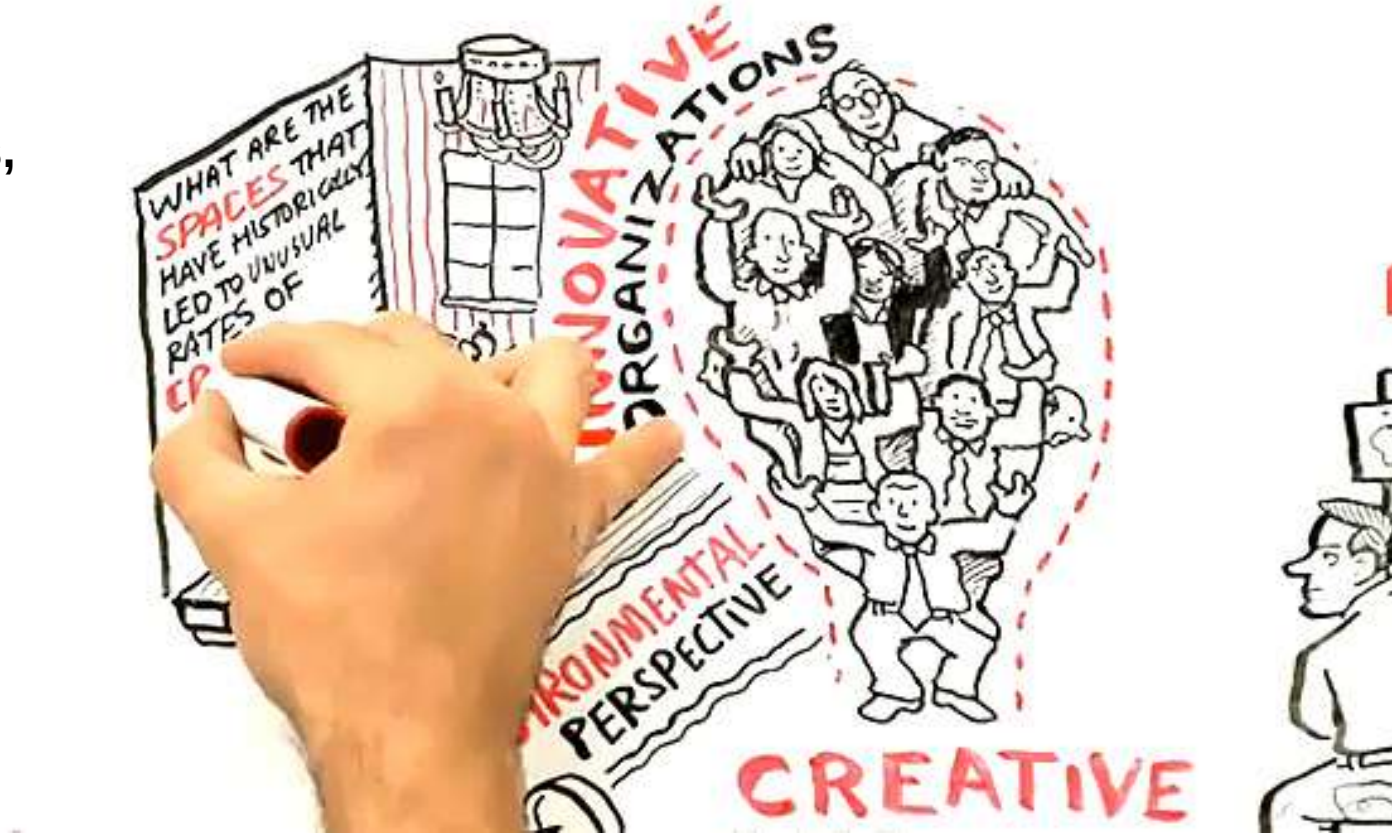
Security plugins help in **safeguarding** the website from hacking attempts, malware, and other security threats.

Food for Thought

You were asked to create **complex animations, videos and blogs** in your website to attract younger generations,

1) How will it **affect** the user's experience?

2) What will you do to **ensure a smooth operation** for the user?



Food for Thought

How will it affect the user's experience?

Pros:

- Visually attractive
- Engaging to users

Cons:

- Slow loading time which affects user's experience as well as SEO
- Some animation might not work or look good in mobile devices

What will you do to ensure a smooth operation for the user?

- **Conduct Performance Test** to check loading speed of webpage with the use of speed checker such as ***PageSpeed Insight (****pagespeed.web.dev)* ***/ Semrush***
- Use of **Database Optimisation plugin** to maintain fast loading speed and overall web performance.
- **Responsive Design** – Ensure the website is user-friendly across all devices and that the animations are functioning properly.
- **Collect Feedback** from users on their satisfaction levels and make necessary adjustments.
- Use **Caching** solutions (WP Engine) to lessen the effect of animations, making sure that subsequent visits to the website load more quickly.

Child Theme Configurator

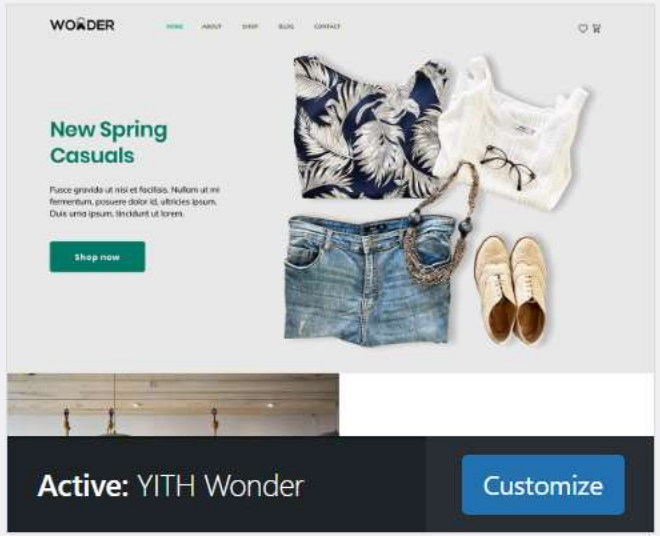
Bluehost
Dashboard
Posts
Media
Pages
Comments
Appearance
Themes
Premium Themes
Editor
Customize
Upload Theme
Plugins
Installed Plugins
Add New Plugin
Premium
Users
Tools
Settings
Collapse menu

Themes 6

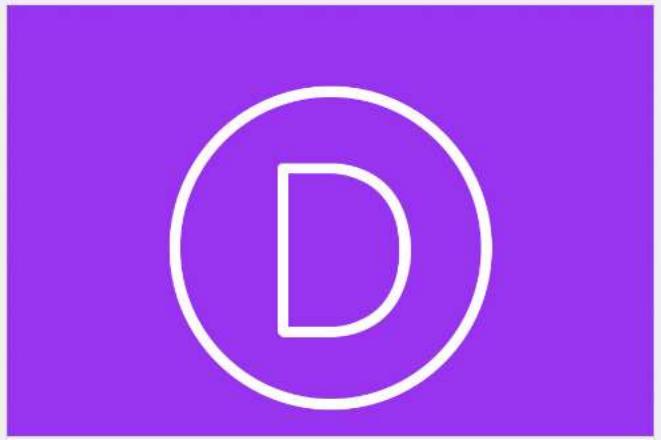
Premium Themes | WordPress.org Themes | Upload

Search installed themes...

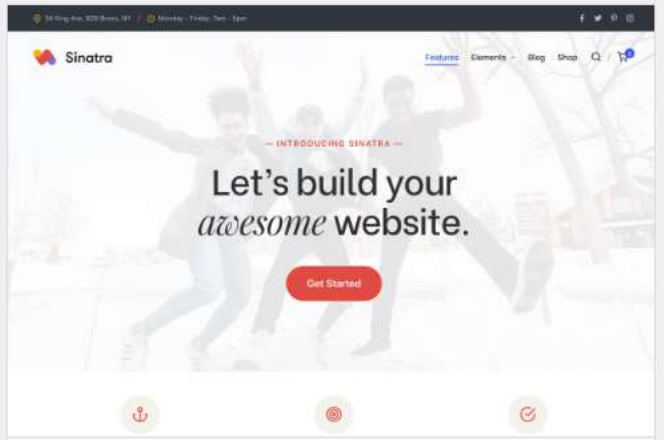
Help



Active: YITH Wonder — Customize

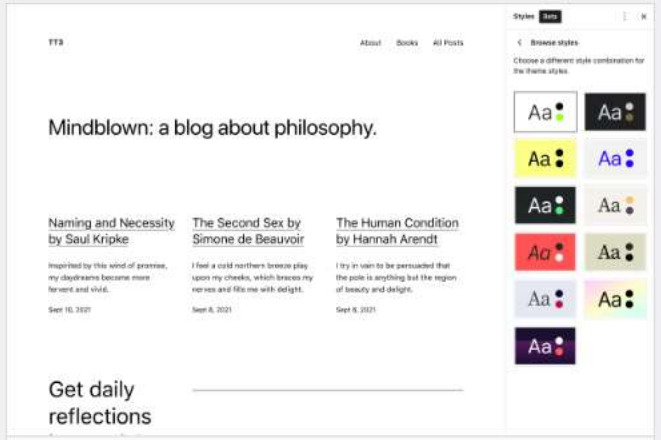


Divi



Sinatra

Twenty Twenty-Four



Twenty Twenty-Three

Twenty Twenty-Two

Bluehost
Dashboard
Posts
Media
Pages
Comments
Appearance
Plugins
Installed Plugins
Add New Plugin
Premium
Users
Tools
Settings
Collapse menu

Add Plugins

Upload Plugin

Help

Search Results | Featured | Popular | Recommended | Favorites | Premium

Keyword | child theme

1,036 items « ‹ 1 of 29 › »

Child Theme Configurator

Install Now

More Details

When using the Customizer is not enough - Create a child theme from your installed themes and customize styles, templates, functions and more.

By Lilaea Media

(273)

300,000+ Active Installations

Last Updated: 1 month ago

✓ **Compatible** with your version of WordPress

WPS Child Theme Generator

Install Now

More Details

Create your child theme with options. Customize it many options.

By WPServeur, Benoti, NicolasKulka

(2)

8,000+ Active Installations

Last Updated: 6 months ago

Untested with your version of WordPress

WP Child Theme Generator

Install Now

More Details

WP Child Theme Generator is an easy solution to all your child theme creating problems!

By WEN Solutions

Child Theme Wizard

Install Now

More Details

Creates a child theme with one click and lets you customise its options.

By Jay Versluis

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Add New Plugin
Premium
Users
Tools
Settings
Collapse menu

Available Tools
Import
Export
Site Health
Export Personal Data
Erase Personal Data
Child Themes
Theme File Editor
Plugin File Editor

Plugins

Add New Plugin

All (10) | Active (2) | Inactive (8) | Must-Use (1) | Auto-updates Enabled (10)

Search installed plugins...

Bulk actions Apply

10 items

Plugin	Description	Automatic Updates
Akismet Anti-spam: Spam Protection Activate | Delete	Used by millions, Akismet is quite possibly the best way in the world to **protect your blog from spam**. Akismet Anti-spam keeps your site protected even while you sleep. To get started: activate the Akismet plugin and then go to your Akismet Settings page to set up your API key. Version 5.3.1 | By Automattic - Anti-spam Team | View details	Auto-updates enabled on the Bluehost > Settings page.
Child Theme Configurator Deactivate	When using the Customizer is not enough - Create child themes and customize styles, templates, functions and more. Version 2.6.5 | By Lilaea Media | View details	Auto-updates enabled on the Bluehost > Settings page.
y Newfold Digital	Free email marketing designed specifically for WordPress, Jetpack and WooCommerce. Send newsletters, promotions, updates and transactional e-commerce emails. Simple and easy, powered by Newfold Digital's rock solid reliability. Version 1.6.7 | By Newfold Digital | View details	Auto-updates enabled on the Bluehost > Settings page.
s for WordPress by MonsterInsights	The best Google Analytics plugin for WordPress. See how visitors find and use your website, so you can keep them coming back. Version 8.23.1 | By MonsterInsights | View details	Auto-updates enabled on the Bluehost > Settings page.
Activate | Delete	This is not just a plugin, it symbolizes the hope and enthusiasm of an entire generation summed up in two words sung most famously by Louis Armstrong: Hello, Dolly. When activated you will randomly see a lyric from	Auto-updates enabled on the Bluehost > Settings page.

Bluehost
Dashboard
Posts
Media
Pages
Comments
Appearance
Plugins
Users
Tools
Available Tools
Import
Export
Site Health
Export Personal Data
Erase Personal Data
Child Themes
Theme File Editor
Plugin File Editor
Settings

Child Theme Configurator version 2.6.5

Help us help you! If you find this plugin useful, please support us by upgrading or click here to donate as little as $1

New user? Click help → Help

Thank you for installing Child Theme Configurator.

A lot of time and testing has gone into this release but there may be edge cases. If you have any questions, please Contact Us.

For more information, please open the Help tab at the top right or click here to view the latest videos.

Parent/ Child | Query/ Selector | Property/ Value | Web Fonts & CSS | Baseline Styles | Child Styles | Files | Upgrade

1 Select an action:

CREATE a new Child Theme
Install a new customizable child theme using an installed theme as a parent.

2 Select a Parent Theme:
Click here to save a backup of the selected theme.

Divi

Analyze

3 Analyze Parent Theme
Click "Analyze" to determine stylesheet dependencies and other potential issues.

Bluehost
Dashboard
Posts
Media
Pages
Comments
Appearance
Plugins
Users
Tools
Available Tools
Import
Export
Site Health
Export Personal Data
Erase Personal Data
Child Themes
Theme File Editor
Plugin File Editor
Settings
Collapse menu

Author: Elegant Themes

Author Website: http://www.elegantthemes.com

Theme Description: Smart. Flexible. Beautiful. Divi is the most powerful theme in our collection.

Theme Tags: Tags

Version: 4.24.0

8 Copy Menus, Widgets and other Customizer Settings from the Parent Theme to the Child Theme:

☑ This option replaces the Child Theme's existing Menus, Widgets and other Customizer Settings with those from the Parent Theme. You should only need to use this option the first time you configure a Child Theme.

IMPORTANT: Some "premium" themes use unsupported options that cannot be copied with the free verson of CTC. If you purchased this theme from a website such as "ThemeForest," child themes may not work correctly. Click the "Upgrade" tab for more information.

9 Click to run the Configurator:

Create New Child Theme

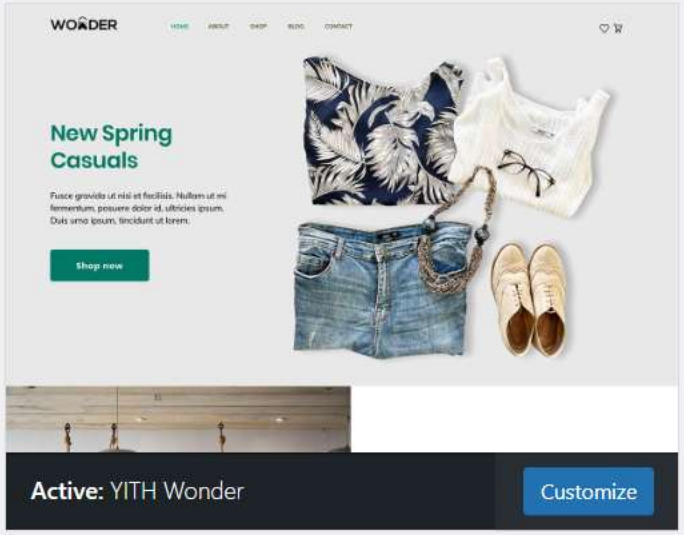
Bluehost
Dashboard
Posts
Media
Pages
Comments
Appearance
Themes
Premium Themes
Editor
Customize
Upload Theme
Plugins
Users
Tools
Settings
Collapse menu

Themes 7

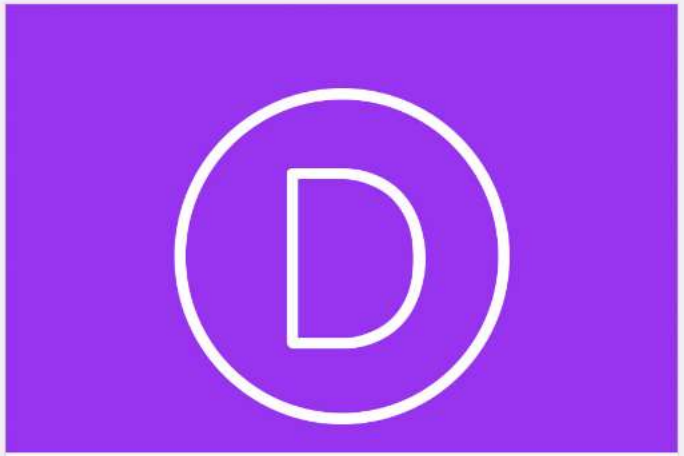
Premium Themes | WordPress.org Themes | Upload

Search installed themes...

Help



Active: YITH Wonder — Customize



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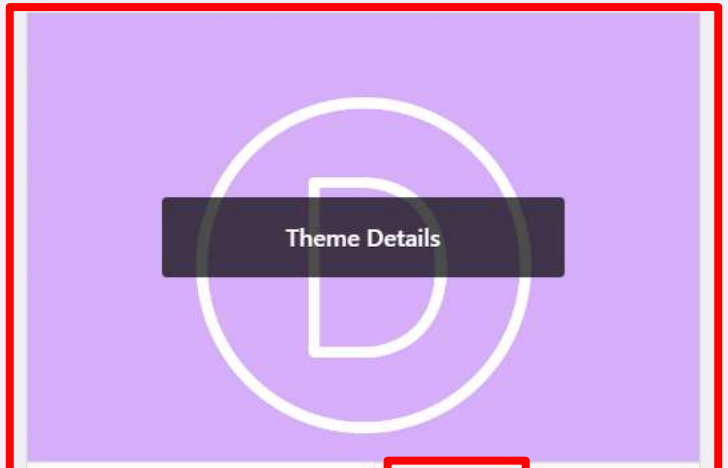
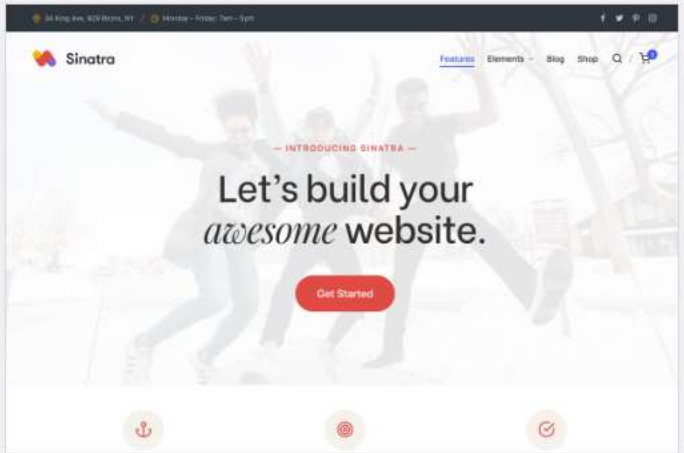
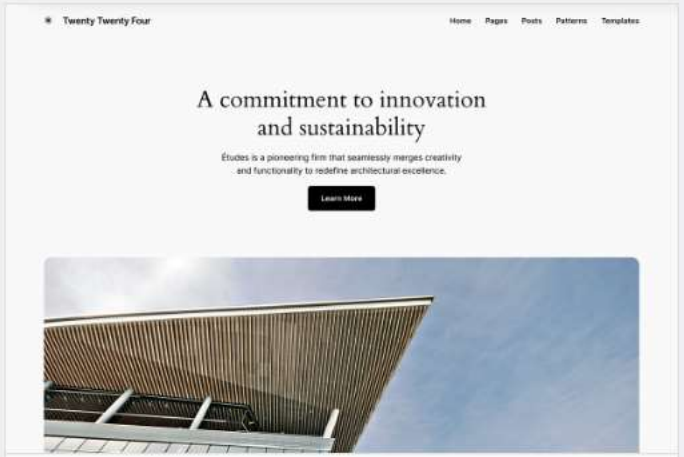


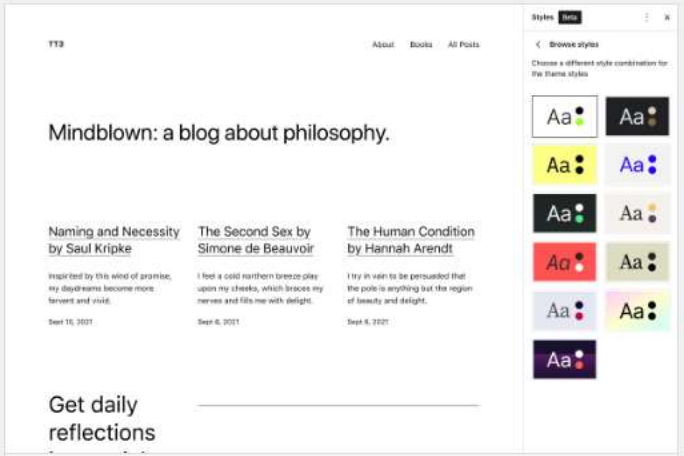
Divi Child — Activate | Live Preview



Sinatra



Twenty Twenty-Four



Twenty Twenty-Three

Selection of Theme

How it affects web usability?

User Experience

Well designed and responsive theme enhances user experience.

Navigation

Poorly designed theme can lead to difficulties in navigating and even slow down the speed of web pages.

Responsiveness

Responsive themes adapt to different screen sizes, ensuring that the website is usable on desktops, tablets, and smartphones.

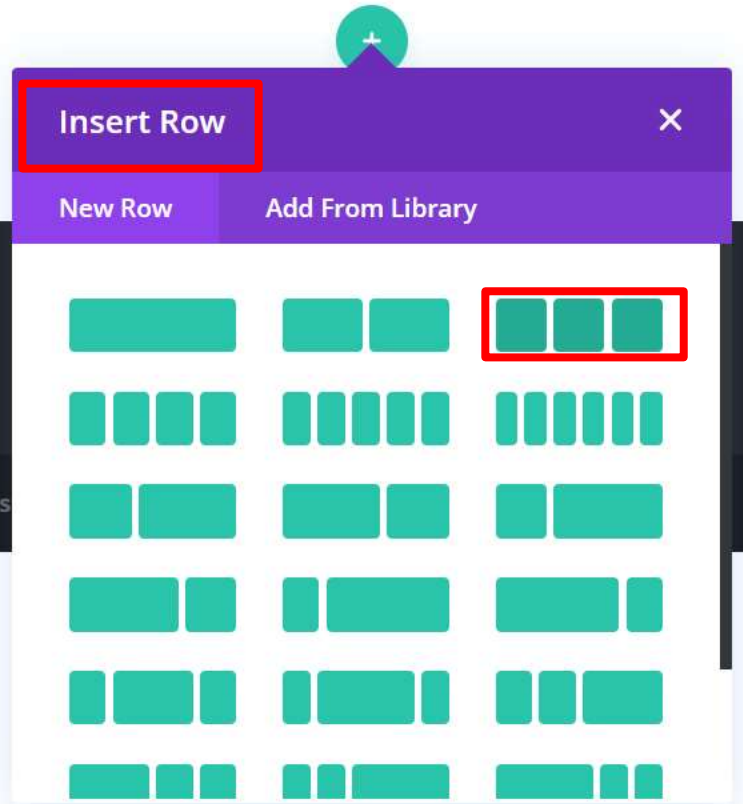
Loading Speed

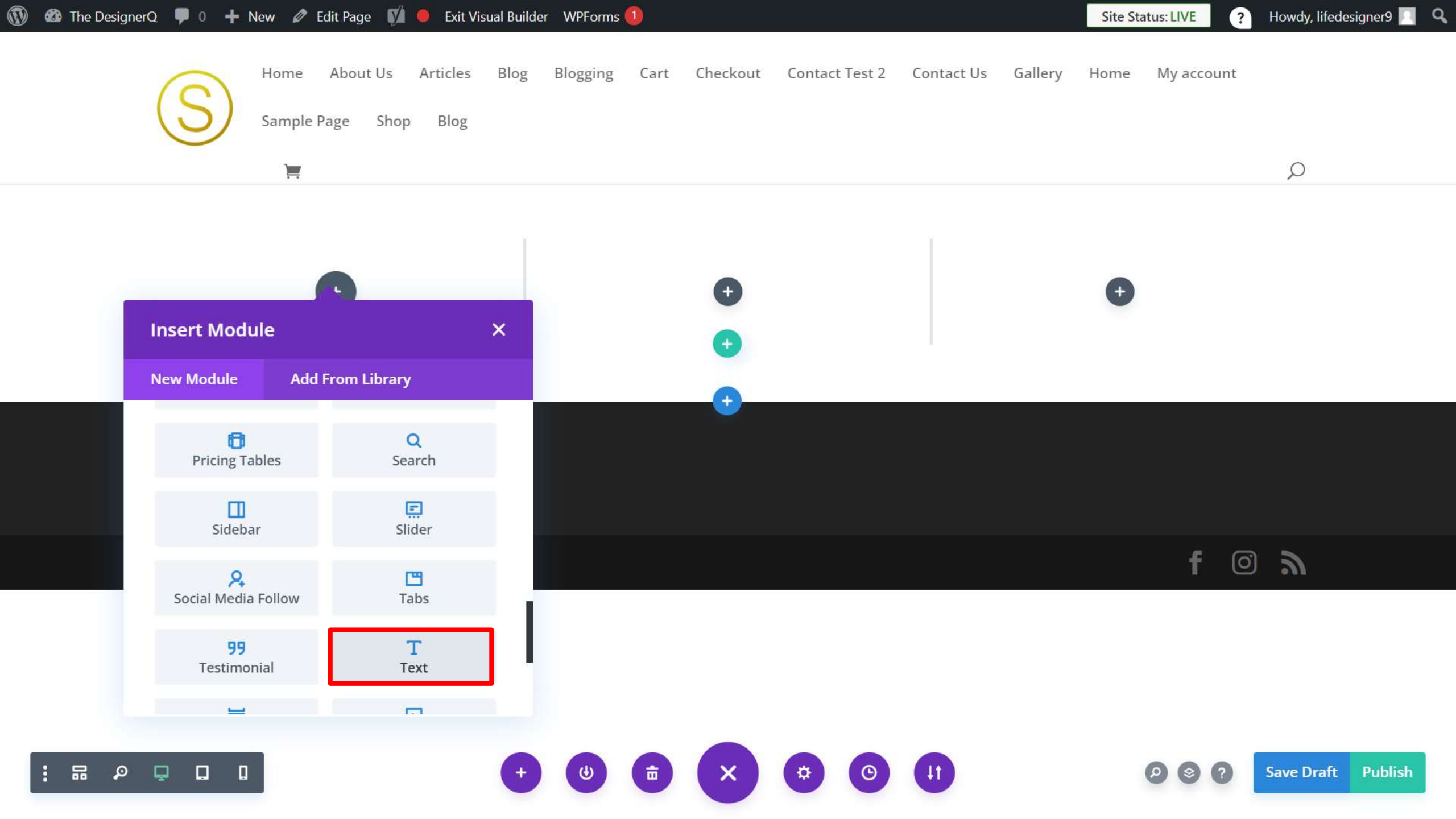
Themes with heavy graphics or inefficient coding can slow down your website, negatively affecting user experience and search engine rankings.

Compatibility with Plugins

Some themes may not be compatible with all plugins (*e.g. SEO plugins*), which can limit functionality and affect user experience

Equalize Columns


Insert Row
New Row
Add From Library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New
Edit Page
Exit Visual Builder
WPForms
1
Site Status: LIVE
Howdy, lifedesigner9
Home
About Us
Articles
Blog
Blogging
Cart
Checkout
Contact Test 2
Contact Us
Gallery
Home
My account
Sample Page
Shop
Blog
Insert Module
New Module
Add From Library
Pricing Tables
Search
Sidebar
Slider
Social Media Follow
Tabs
Testimonial
Text
Save Draft
Publish

Row Settings

Your content goes here. Edit or remove this text inline or in the module Content settings. You can also style every aspect of this content in the module Design settings and even apply custom CSS to this text in the module Advanced settings.

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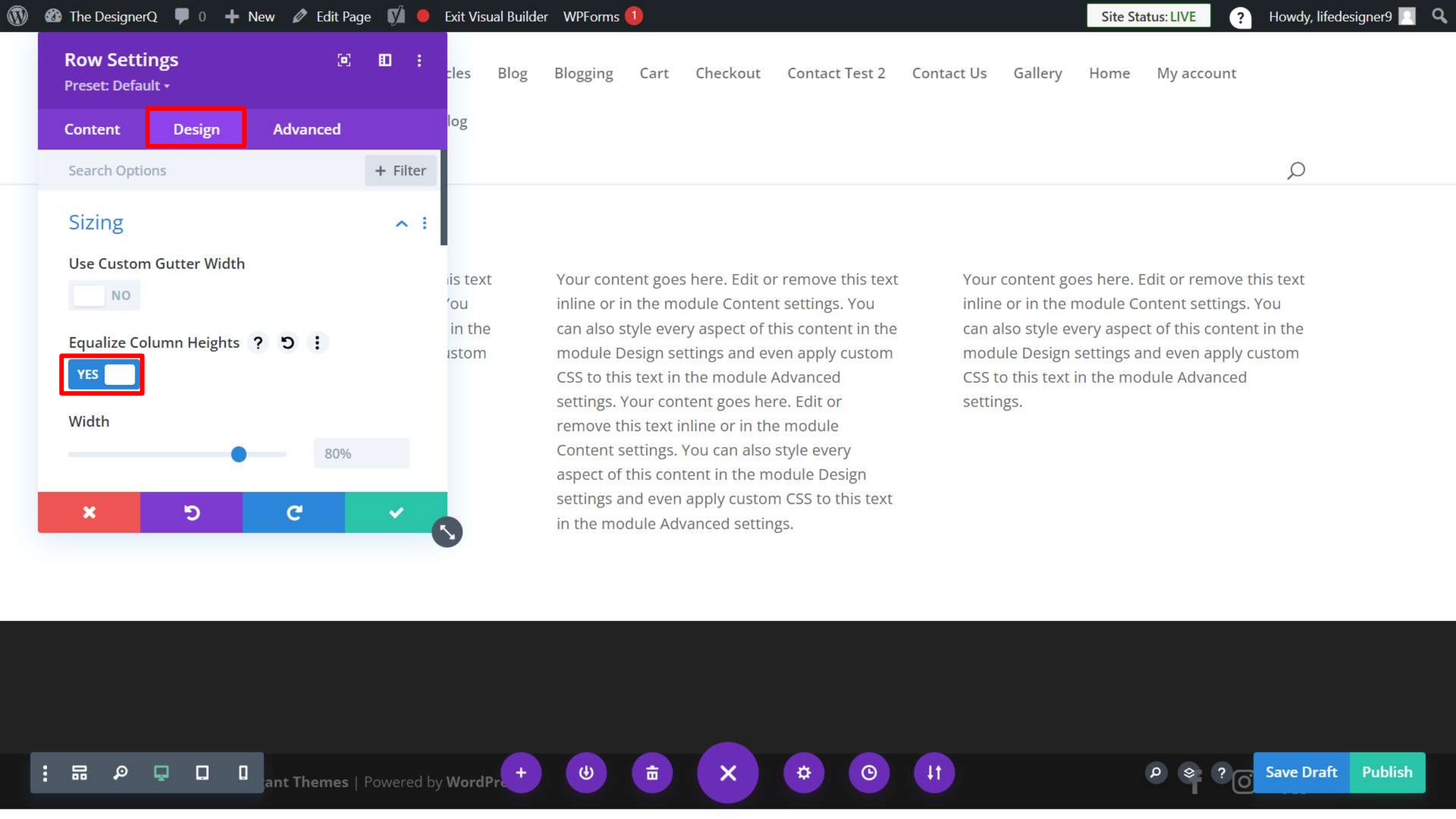
Save Draft Publish


The DesignerQ
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Edit Page
Exit Visual Builder
WPForms
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Site Status: LIVE
Howdy, lifedesigner9
Row Settings
Preset: Default
Content
Design
Advanced
Search Options
+ Filter
Sizing
Use Custom Gutter Width
NO
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Checkout
Contact Test 2
Contact Us
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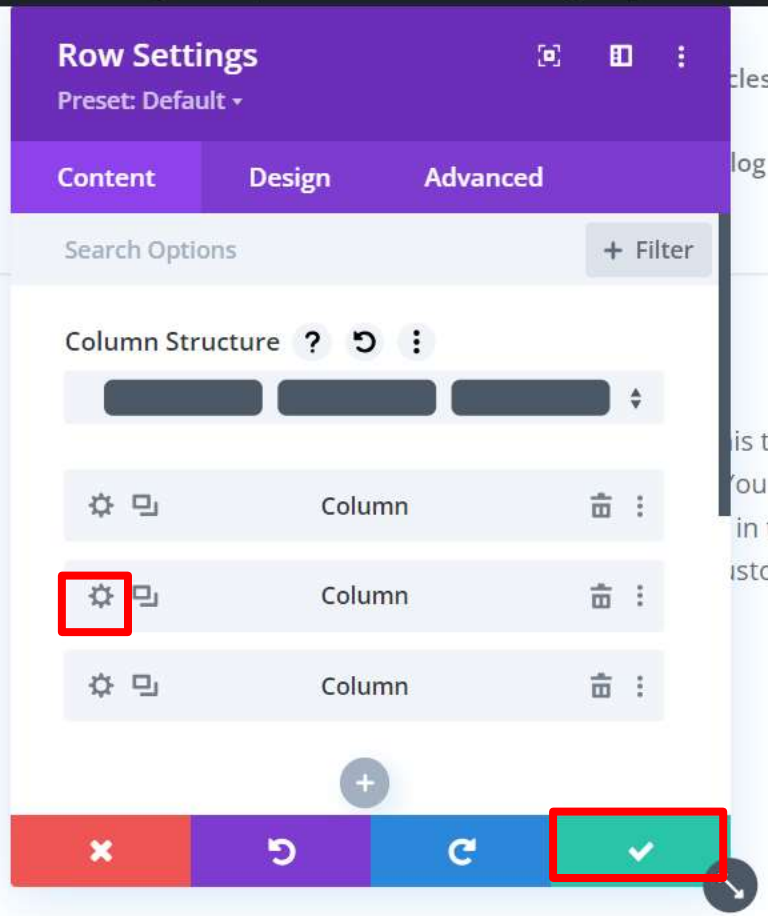

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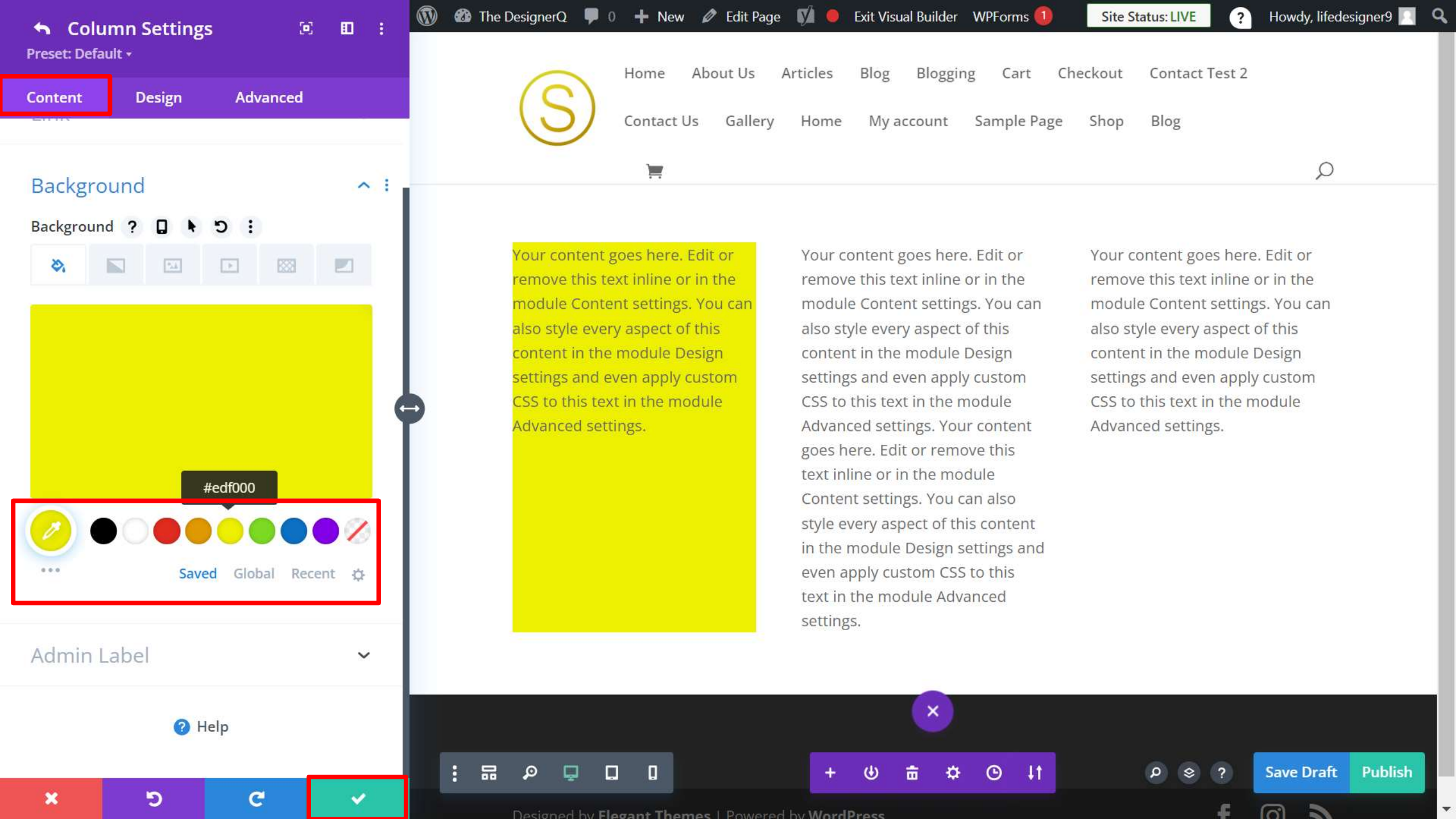
Column Settings
Preset: Default
Content
Design
Advanced
Background
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Recent
Admin Label
Help
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Edit Page
Exit Visual Builder
WPForms
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Site Status: LIVE
Howdy, lifedesigner9
Home
About Us
Articles
Blog
Blogging
Cart
Checkout
Contact Test 2
Contact Us
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Sample Page
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Publish
Designed by Elegant Themes | Powered by WordPress

Standardising height of Image

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Upload / Replace Logo

Bluehost
Dashboard
Posts
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Pages
Comments
Projects
Appearance
Plugins
Users
Tools
Settings
Divi
Theme Options
Theme Builder
Theme Customizer
Role Editor
Divi Library
Support Center
Collapse menu

Save Changes

Divi Theme Options

General | Navigation | Builder | Layout | Ads | SEO | Integration | Updates

General | Performance

Logo	https://thedesignerq.com/wp-content/uploads/2024/02/c RESET UPLOAD
Fixed Navigation Bar	ENABLED
Enable Divi Gallery	ENABLED
Color Pickers Default Palette	
Grab the first post image	DISABLED
Blog Style Mode	ENABLED
Sidebar Layout	Right Sidebar
Shop Page & Category Page Layout for WooCommerce	Right Sidebar
Google API Key	
Use Google Fonts	ENABLED

Upload Logo

DIVI Popups

My WordPress Journey 0 New Howdy, admin

Dashboard
Posts
Media
Pages
Comments
Appearance
Plugins
Installed Plugins
Add New Plugin
Plugin File Editor
Users
Tools
Settings
Collapse menu

Add Plugins

Upload Plugin

Help

Search Results | Featured | Popular | Recommended | Favorites

Keyword | Popups for Divi

279 items « ‹ 1 of 8 › »

Popups for Divi

A quick and easy way to create Popup layers inside the Divi Visual Builder!

By divimode.com

Install Now | More Details

(337)

100,000+ Active Installations

Last Updated: 8 months ago

Untested with your version of WordPress

Torque Modules for Divi and Extra Theme

The essential plugin to install after the Divi theme! It comes packed with over 20 stunning free modules, including an image carousel, hotspots, and f ...

By WPPaw

Install Now | More Details

(104)

30,000+ Active Installations

Last Updated: 4 weeks ago

Untested with your version of WordPress

Popup Builder – Create highly converting, mobile friendly marketing popups.

Increase Sales, Lead Generation, Conversion rates and receive good Call to Action rates with smart WordPress popup plugin.

By Looking Forward Software Incorporated.

Install Now | More Details

Supreme Modules Lite – Divi Theme, Extra Theme and Divi Builder

Divi Supreme lite plugin enhances the experience and features found on Divi and extend with custom creative modules to help you build amazing websites ...

Install Now | More Details

Section Setting
Preset: Default

Content | Design | Advanced | Popup

Search Options + Filter

General

This is a Popup
YES

Popup ID
NewProduct

Behavior

Close Button

Layout

Visibility

Help

The DesignerQ 0 New Edit Page Exit Visual Builder WPForms 1

Site Status: LIVE

Howdy, lifedesigner9

Home About Us Articles Blog Blogging Cart Checkout Contact Test 2
Contact Us Gallery Home My account Sample Page Shop Blog

#NewProduct

Your content goes here. Edit or remove this text inline or in the module Content settings. You can also style every aspect of this content in the module Design settings and even apply custom CSS to this text in the module Advanced settings.

Section Settings

Preset: Default

Content | Design | Advanced | Popup

General

Behavior

Close on Background-Click

YES

Close other Popups

YES

Enable Exit Intent

YES

Close Button

Layout

Visibility

Help

#NewProduct

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Home My account Sample Page Shop Blog

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New Product >

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Button Settings

Preset: Default

Content Design Advanced

Search Options + Filter

Text

Link

Button Link URL

#NewProduct

Button Link Target

In The Same Window

Admin Label

Help

https://thedesignerq.com/articles/?et_fb=1&PageSpeed=off#NewProduct

Button Settings
Preset: Default

Content | Design | Advanced

Text

Change Button Color

Button

Use Custom Styles For Button

YES

Button Text Size

16px

Button Text Color

Saved Global Recent

Button Background

Add Background Color

The DesignerQ 0 New Edit Page Exit Visual Builder WPForms 1

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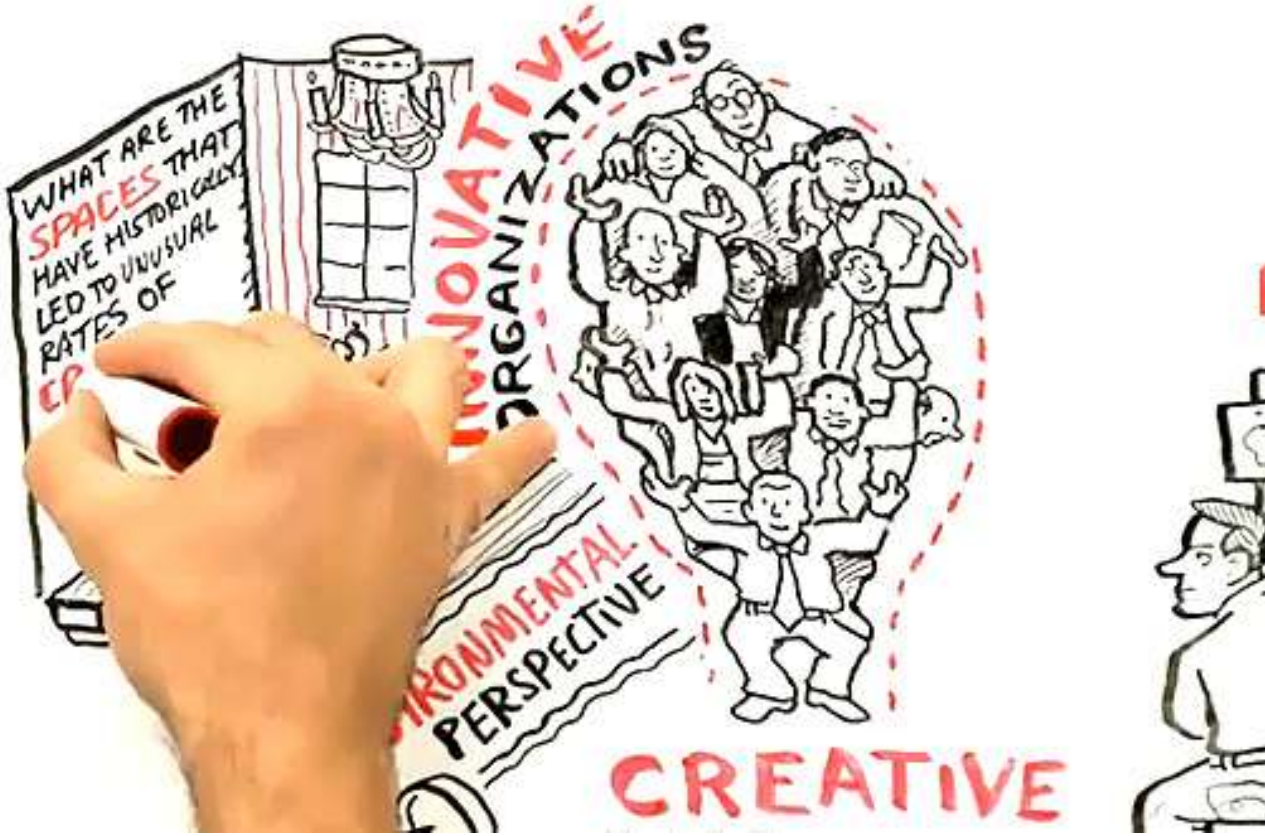
Food for Thought

Food for Thought

Trade-Offs

You were asked to create wordpress with **complex features** and functions such as ecommerce, real-time chat support and animations. However, due to tight budget, how are you able to achieve balance between these web design elements and the implementation of this new project?



Food for Thought

Trade-Offs

Functionality

- Assess the **need for each feature** that the client has requested in relation to their unique **business objectives.**
- **Prioritize Features**, determine which features are essential based on the primary objectives.
- Consider if there are **any affordable solutions** or add-ons available to **achieve similar functions**.

Interoperability

- Ensure that all **chosen plugins** and **custom features work seamlessly** together. Incompatibilities between different components can lead to increased troubleshooting and maintenance costs.
- Opt for plugins and themes known for their **compatibility** with a wide range of WordPress tools.

Efficiency

- Complex features can impact website loading times. **Optimize** images and animations to maintain **website speed**.
- Use **lightweight plugins** and clean coding practices to prevent bloat and ensure efficient performance.

Cost Optimization Strategies

- Give a **detailed cost analysis** for every feature that includes licensing fees, development time and long-term maintenance.
- **Phased Implementation**, roll out the website in phases, starting with basic functionality. Gradually add complex features as budget allows.
- Highlight **long-term benefits of investments**, such as higher sales or better user engagement.