



# WORDPRESS IN 2016

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By Sakin Shrestha

Founder - Acclaim Technology, Catch Themes, Catch Internet, Theme Palace, DevotePress and KNIC Education

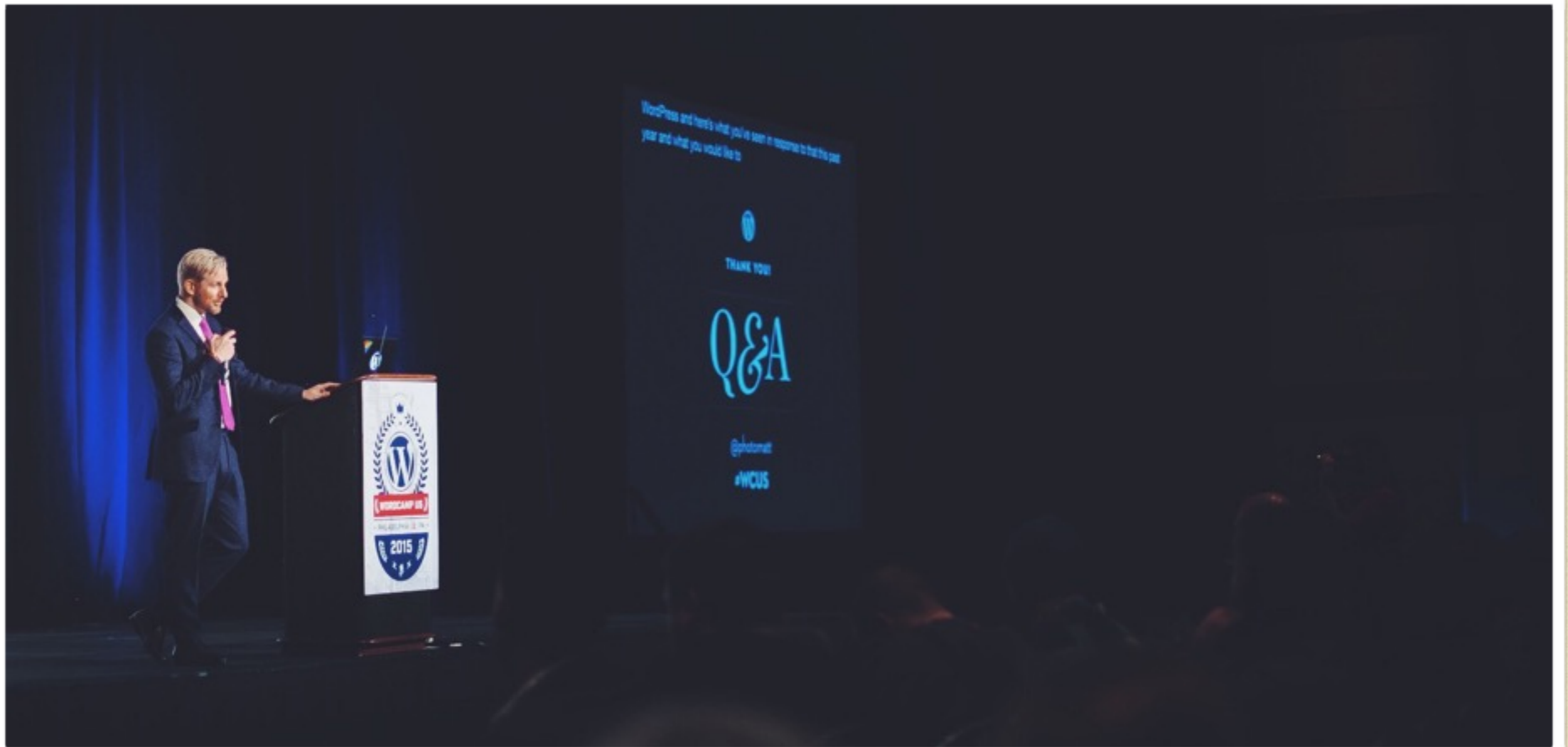
Co-owner - ThemeReview.co , Wen Solutions and Wen Themes

Key Reviewer - WordPress.org Theme Review Team

Founding Member - WordPress Nepal Group

@sakinshrestha

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# WORDCAMP US 2015

Matt's presenting "State of the Word"

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# LEARN JAVASCRIPT, DEEPLY

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JS

- JavaScript is a front end/client-side programming language, meaning it communicates with a user's web browser
  - PHP is a back-end/server-side programming language, meaning it communicates with the server
  - This means that sites powered by JavaScript have the potential to run much faster and be more responsive
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# JAVASCRIPT IS ALREADY PART OF WORDPRESS

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JS

- JavaScript already comes bundled with WordPress, in the form of numerous JavaScript libraries, such as jQuery, JSON, Backbone.js and Underscore.js.
  - Plenty of WordPress Themes and Plugins uses JavaScript
  - WordPress admin Customizer, Widgets, Custom Menus, and JSON to interact with the WP-REST API
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Save & Publish

You are customizing ?  
Catch Responsive Pro

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Active theme  
Catch Responsive Pro Change

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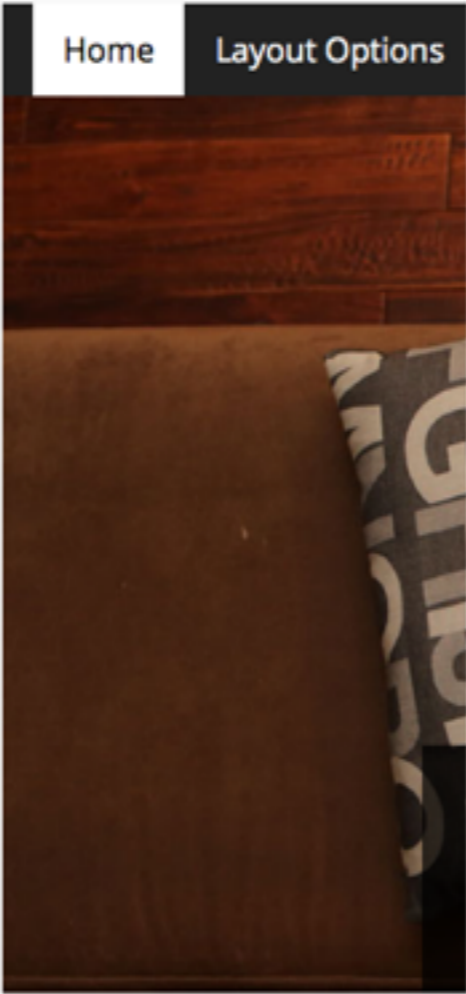
- CWT Custom CSS >
- Site Identity >
- Header Image >
- Background Image >
- Menus >
- Menu Options >
- Widgets >
- Static Front Page >
- Theme Options >
- Color Options >
- Featured Content >
- Featured Slider >
- Social Links >

⏪ Collapse

# Catch Resp

Simple and Responsive WordP

Home
Layout Options



## Catch Respons

### Theme


This is promotion headline  
Promotion Headline Optio

## Catch Responsive Pro

f t g w

Simple and Responsive WordPress Theme

Home
Layout Options
Gallery
Blog
Shop



**Slider Image 1**  
Slider Image 1 Content

Catch Responsive Pro is a Responsive WordPress Theme  
This is promotion headline. You can edit this from Appearance -> Customize -> Theme Options -> Promotion Headline Options

Buy Now


- Home
- PDF FILE
- Layout Options
- About The Tests
- Clearing Floats
- Page with comments
- Lorem ipsum
- Page A
- Page B
- Page with comments disabled
- Gallery
- Blog
- Shop

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## Catch Responsive Pro

Simple and Responsive WordPress Theme

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**Slider Image 1**  
Slider Image 1 Content

Catch Responsive Pro is a Responsive WordPress Theme  
This is promotion headline. You can edit this from Appearance -> Customize -> Theme Options -> Promotion Headline Options

Buy Now

My Profile — WordPress.com

My Sites Reader



**Sakin**  
@sakinshrestha

Sign Out

Profile

- My Profile
- Account Settings
- Manage Purchases
- Security
- Notifications

Special

This information will be displayed publicly on your profile and in Gravatar Hovercards.

First Name  
Sakin

Last Name  
Shrestha

Public Display Name  
Sakin

About Me  
Born and raised in beautiful Kathmandu, Nepal. I'm an Entrepreneur, WordPress Rockstar, Blogger and Web 2.0 Strategist.

Save Profile Details

PROFILE LINKS

+ ADD URL + ADD WORDPRESS SITE


# CALYPSO



Introducing

# The New WordPress.com

A single interface to manage all your WordPress.com or Jetpack-enabled sites, built with the latest web technologies and used by millions of people — and now it's open source.

 [GitHub Project](#)

 [Download Desktop Apps](#)

For OSX 10.8+, Windows 7+, and Linux.

<https://developer.wordpress.com/calypso/>  
<https://github.com/Automattic/wp-calypso>

Calypso: JavaScript-based and API-powered.  
The New WordPress.com

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# CALYPSO

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- Calypso is entirely **JavaScript, HTML, and CSS**, it can run locally on a device with a lightweight **node.js** server setup
  - Using a technology called **Electron**, they built native desktop clients running the same code bundled inside the applications
  - This means the new WordPress.com is a browser-based client for our API, just like any other application built on top of it — **lighter, faster, and more flexible** for a mobile-focused world
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**“WordPress - From Blogging to Content Management System to E-commerce System to a Full-Fledged Application Framework.”**

*– WordPress Scope*

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# LEARN REST API:

REPRESENTATIONAL STATE TRANSFER  
APPLICATION PROGRAM INTERFACE

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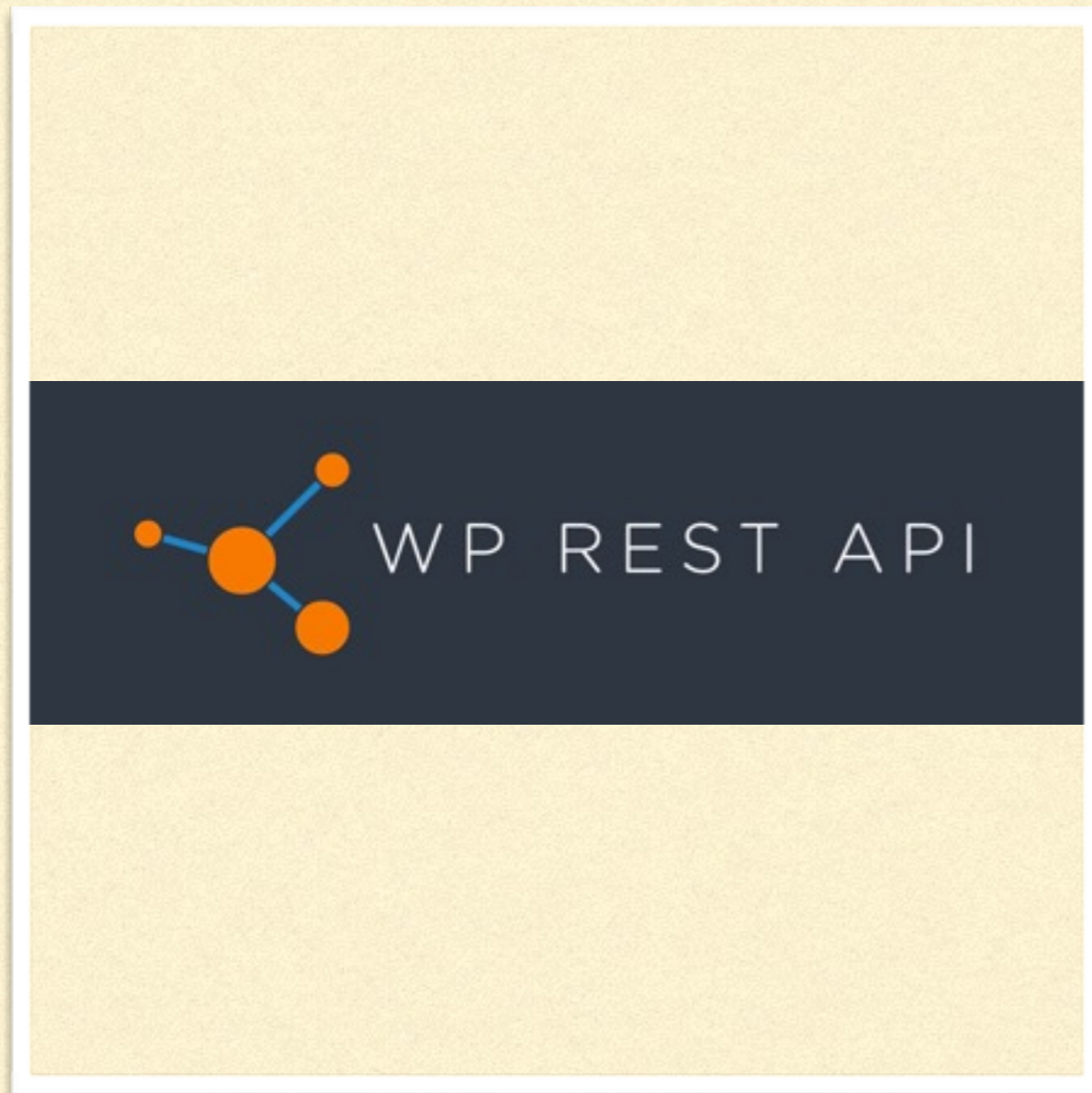
WP REST API

- WordPress 4.4 integrated REST API into core
  - It was initially released as WP REST API plugin
  - Access your WordPress site's data through an easy-to-use HTTP REST API
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# REST API: REFERENCES

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- <https://developer.wordpress.com/docs/api/>
  - <http://v2.wp-api.org/>
  - <https://wordpress.org/plugins/rest-api/>
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# LEARN ACCESSIBILITY

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# ACCESSIBILITY: WEB PAGES FOR EVERYONE

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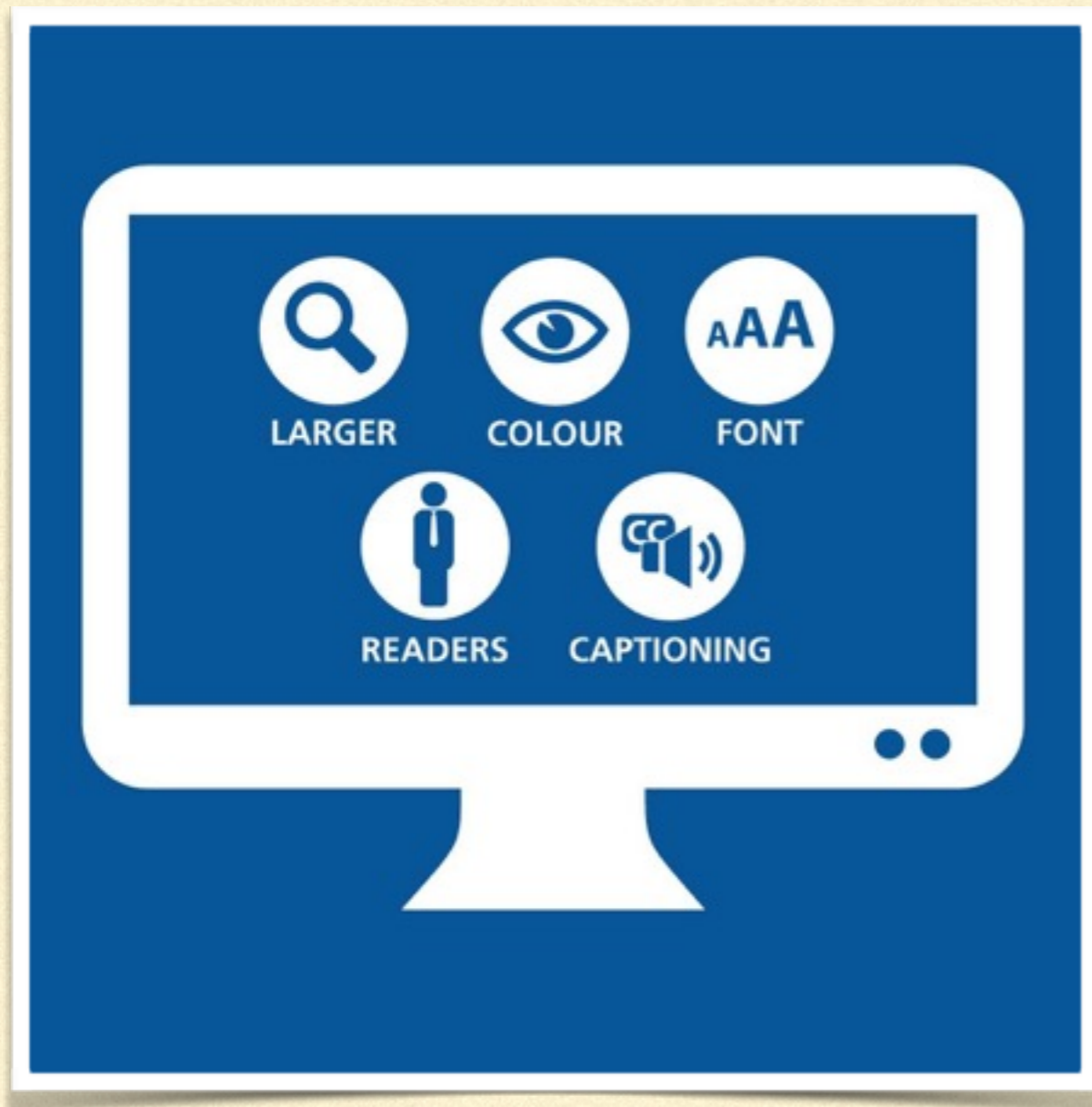


- Accessibility in web design means creating web pages that everyone can use, regardless of hardware, software, or any sensory or physical impairment.
  - Those who cannot see or use a mouse.
  - Deaf users whose first language is sign language.
  - Visitors whose primary language is not your language.
  - People who use special assistive software or hardware to access the Web.
  - People who are colour blind or can't see low colour contrast.
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# ACCESSIBILITY: REFERENCES

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- <https://codex.wordpress.org/Accessibility>
- <https://make.wordpress.org/accessibility/>
- <https://make.wordpress.org/themes/handbook/review/accessibility/>

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“Thank You... Any Questions?”

–*Sakin Shrestha*

*@sakinshrestha*

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