



REACTIVE

A Blueball Design Responsive Sandvox Design

Reactive Responsive Design User Guide v1.0

Reactive Responsive is a responsive Sandvox design which allows you to quickly make your Sandvox site into a responsive "mobile-friendly" site. As you will note in the information that follows in this user guide, **Reactive Responsive does several things differently** from what you are used to doing when using a traditional Sandvox design, due to its unique structure, css styling, and responsive css styling and display behavior.

PLEASE BE SURE TO READ through the user guide to get the best results for your Sandvox site when using Reactive Responsive.

What comes in your Blueball Reactive Responsive zipped product download.

After purchasing Reactive Responsive, you will receive a download email with a link in it to download your Reactive Designs bundle with. The download by default will be placed into your Downloads folder. Once you download it, drag it onto your desktop and double click on it to unzip the folder.

Inside your Reactive Responsive folder you will find your Blueball Reactive Responsive Sandvox design, and 2 read me file guides. Your Reactive Responsive design includes 13 built-in color versions for you to select from and apply to your Sandvox site.

How to install the Reactive Responsive design.

After unzipping your Blueball Reactive download file, double click on the Blueball Reactive design file itself to install it into Sandvox. Then restart Sandvox.

What version of Sandvox does the Reactive Responsive design require?

The Reactive Responsive design requires at least Sandvox v2.8. We recommend using Sandvox v2.9.5 and above for the best results.

What browsers does Reactive Responsive support?

The Reactive Responsive design display layout and functionality supports and works with the following browsers:

Desktop: Chrome, Firefox, Safari, Internet Explorer 9+

(Reactive Responsive will function and display in Internet Explorer 8 but no CSS3 styling will be displayed.)

Mobile: iOS 6+ on iPad and iPhone, Android, Windows

What does "responsive" mean for your Sandvox site?

A responsive site layout will display equally well for your viewers on any device from traditional desktop and laptop Macs and PCs, to tablets and smartphones. Depending on the screen width of the device and browser being used, page elements are scaled down and repositioned using media query breakpoint widths in the css file. **So for example**, a traditional 2 column desktop layout with the content area beside the sidebar will become a 1 column layout with the content area above the sidebar on a smartphone using the Reactive Responsive design layout.

Another example is the banner image in the Reactive Responsive design. The Reactive responsive design layout uses one banner image in it that spans the full width of the browser window. The entire banner image is scaled down to fit within the desktop, tablet or smartphone device's browser window as needed to fit. There is no cropping of the banner image at all on the Reactive design when it is scaled down for smaller mobile device display.

Responsive also means that the nav menu uses two completely separate layouts in the Reactive Responsive design. On desktop browsers you see a traditional but custom horizontal nav menu that spans the full width of the browser window with drop down sub menu levels. On mobile devices below a certain screen width, you see a completely different mobile nav menu layout that mobile device users are used to seeing and using.

The great thing about the Reactive Responsive design for Sandvox users is that you only have to select and apply the Reactive Responsive design of your choice to your new or existing Sandvox site like you do with any Sandvox design, and make a few small adjustments as noted below [for your Sandvox site to become a responsive Google "mobile-friendly" site layout.](#)

What is different about using Reactive Responsive that I need to know for my Sandvox site?

First before I get started, please note that most of the items noted below are all done for you automatically by the custom javascript and unique css coding that the Reactive Responsive design comes with. There is very little input needed from any Sandvox user when applying the Reactive Responsive design to your Sandvox site.

The information below is meant to inform you of some of the things that the Reactive Responsive design does that is different from the normal non-responsive Sandvox design you are used to using.

You MUST be connected to the Internet while working on your Sandvox site when using the Reactive Responsive design due to calls made to Google, Font Awesome, and jQuery for your Reactive Responsive design's display functionality.

Banner Images

The banner image display in the Reactive Responsive design layout spans the full width of the screen/page and is positioned directly below the nav menu.

You cannot use the custom banner image feature in Sandvox when using a Reactive Responsive design. This is due to the fact that we are placing an `img src` tag with a call to an image file into the Reactive Responsive site pages via a bit of custom javascript code that calls a warehoused banner image into a new div the script creates called `mainBanner`. This allows the entire banner image to scale down in full as it is reduced in size for display on mobile devices. We are also warehousing (hosting) preset Reactive banner images for you to use on our AWS (Amazon Web Services) account. This will also wis to periodically add in new banner images for Reactive users to display on their site pages if they want at no additional cost.

Please see the "[Customizing_Reactive_Responsive_v1.pdf](#)" readme file that came with your download for more details on customizing banner images in Reactive Responsive, and how to call our hosted banner images using a bit of code. If that sounds daunting to you, it's not and we are happy to help you out with this if you have any questions on how to do it after reading the directions.

Nav Menu

The Reactive Responsive desktop nav menu layout features a horizontal nav menu that is fixed in position to the top of the browser window with 2 sub menu levels. The nav menu is center aligned, and spans the full width of the browser window allowing for a large number of pages to be displayed in the parent menu level. Keep your nav menu names in the parent level as short and concise as possible for the best display results.

The mobile nav menu initially displays the traditional mobile nav menu layout of the "hamburger" nav menu icon with the word Menu beside it. Click on this and the mobile nav menu drops down for you to select a page to go through. Please note that all menu levels are displayed including any sub menu levels.

You can easily customize the word "Menu" by using a bit of custom css with Site Code Injection. So if you need to change it to another language or want to use another word besides Menu, you can do this.

Images Become Responsive Automatically

Images in a responsive site layout do not use fixed width and height amounts on them. They use a max-width set to 100% with a height set to auto. This allows images to scale down as needed in size to display in full on mobile devices. Due to this, you must start with an image at 100% of the maximum size you want it to display at on your desktop layout. So for example let's say you have an overall desktop page max-width set to 980px, and you want your photo album image to

display the full width of the page on the single image page. To do this your original image needs to be at least 980px wide for the best display results on both desktop and mobile devices. Images will only display up to the max-width of the original image size.

A custom javascript that we created just for the Reactive Responsive design will remove any fixed widths and heights in place for images on your site pages, and automatically add a max-width:100%; and height:auto; setting to each image in your site to make all your images responsive. [We recommend using .jpg images to keep your image file sizes as small as possible for display on both desktop and mobile devices.](#)

Page Content Area Width

The default page content width is set to a max-width of 1024px. This means that your page content will display up to a width of 1024px and not above that. On any screen width below that amount, the elements in the page content area will be fluid in behavior until the media query breakpoint width amount for the mobile layout is reached at which time the mobile layout and styling will be displayed. **You can easily adjust the page width to be wider if needed for your site layout using a bit of custom css code with Site Code Injection.** See the "Customizing_Reactive_Responsive_v1.pdf" readme file for more details.

Objects in Sidebar and Callouts

In the Reactive Responsive mobile layout, all Objects in the sidebar and callouts will display the full width of the device's screen with 20px padding left and right.

Collection Layout Option

DO NOT use the "Tabular Layout" option for your any of your main collection pages. Any of the other three "Collection Layout" options will all work fine with Reactive Responsive.

Larger Thumbnail Display in Photo Album Collection Grid

We have increased the size of thumbnail image display in a photo album collection page along with rounded thumbnail image corners and a nice hover effect. The images will automatically reposition themselves as needed to one or two columns depending on the device's screen width. **NOTE! We highly recommend using the "Scale To Fill" option for your thumbnail images** for the best display results with Reactive Responsive.

Larger Single Image Display In Photo Album Collection

By default, all images in a photo album collection will display the full width of the content area when viewed individually in Reactive Responsive. For the best individual image display results, it is highly recommended that you keep your image sizes and orientation consistent in your photo album collections, and that **your image is at least as wide as the max-width page amount you are using. 1024px is the default max-width amount in Reactive Responsive.** Please note your Photo Album images will only display up to the full width of the content area in the Reactive design individual image page layout, or up to 100% of the image's original size if the width is less than the width of the content area.

Graphical Title Option

The Reactive Responsive layout DOES NOT use this feature for any of its text display. **BE SURE to NOT have this option selected in the Inspector window.**

Reactive Responsive Design Features

Some of the unique and awesome design features included with your Blueball Reactive Responsive designs.

Design Colors

There are 13 Reactive Responsive designs that each come with a distinctive color scheme and banner image.

- Blueball Reactive Responsive Black
- Blueball Reactive Responsive Blue
- Blueball Reactive Responsive Brown
- Blueball Reactive Responsive Burgundy
- Blueball Reactive Responsive Dark
- Blueball Reactive Responsive Dark 2
- Blueball Reactive Responsive Dark 3
- Blueball Reactive Responsive Gray
- Blueball Reactive Responsive Green
- Blueball Reactive Responsive Orange
- Blueball Reactive Responsive Pink
- Blueball Reactive Responsive Purple
- Blueball Reactive Responsive Red

Font Styles

The Reactive Responsive design offers 8 custom Google font styles for you to use and mix and match. The default font styles used are Rokkitt for the headlines and Source Sans Pro for the remaining text. You can easily modify the font style combinations by using some custom css.

The 8 custom Google font styles available in Reactive are: **Rokkitt, Dosis, Raleway, Roboto, Roboto Condensed, Droid Serif, Opens Sans, and Open Sans Condensed.**

See the "Customizing_Reactive_Responsive_v1.pdf" readme file for more details on how to specify and use custom Google fonts on your Reactive site pages.

Font Awesome Icons

In Reactive Responsive design the sub menu level arrow indicators use a Font Awesome icon instead of the normal arrow image used in current Sandvox designs. A call to the needed Font Awesome files is automatically placed into the head area on each site page at export or publishing for this.

Page elements that use ordered lists will also have a Font Awesome icon displayed as will some of the blog layout elements like the date for example.

Logo Image

The logo image size used in Reactive Responsive can widely vary but we recommend it be kept within the following size limitations for the best display results on all devices:

Height - Keep the height between 80px and 300px

Width - Keep the width between 100px and 600px

For example, the logo image size we used on our Reactive Responsive demo sites is only 214px wide by 180px tall. Since the logo image is positioned below the banner image in the design layout, we recommend using a .jpg image file with a solid background color that will let your logo image blend into the page background color. The majority of the Reactive designs use white for the background color. The main thing to keep in mind is your logo image file size and keeping it as small as possible so it will load quickly on all devices.

Publishing and replacing your old Sandvox site and its files with your new Reactive Responsive site.

After you apply your Reactive Responsive design to your site, make any adjustments or additions to the site pages and save it, you have to publish or export your site. PLEASE NOTE that you will have to completely replace your old published site files with your new Reactive Responsive Sandvox site files.

To do this when you are ready to publish and go live with your Reactive Responsive site, select the "Publish > Republish All" menu option in Sandvox.

This option will force your entire site and all its files to be republished to your server directory. Note that in some cases, you may have to use a FTP program like Cyberduck (free), Transmit, YummyFTP, or ForkLift to log into your server directory and manually remove all your old site files before doing the Republish All step.

You can also use the Publish to Folder menu command in Sandvox to export all your site files to a folder on your Mac and then upload your Sandvox site files manually using a FTP program. This option is for more advanced Sandvox users but does get you absolute control over what files are put in place on your server directory.

After publishing or uploading your new Reactive design site files to your server, be sure to refresh your page view in your browser window to make sure the new Reactive Sandvox site files are loaded and displayed.

We offer great Sandvox support before AND after the sale.

Blueball Design has been providing outstanding customer support to all our Sandvox users over the past 9+ years, and are happy to help you out with any questions on our Reactive Responsive designs. **If you have a question, please submit it to us using our product support page form here: <http://blueballdesign.com/support/index.php> or email us at themesupport@blueballdesign.com.**

While we also try to help out with Sandvox specific questions, we do not have the time or resources to provide Sandvox training. **Please see the excellent Sandvox help documentation that Karelia provides here instead: <http://www.karelia.com/support/sandvox/help/>**

Send Us Your Site URL When You Have Your Reactive Responsive Site Up and Running!

We want to see the "mobile-friendly" responsive sites you build with Reactive Responsive. Please send us your site url so we can check it out.

Thanks for your continued support and best of luck with your Reactive Responsive design Sandvox site!

Best,
Charlie

<http://sandvoxdesigns.blueballdesign.com>