

Converting Colors

RGB(84, 163, 150)

Have a look what the booklet for
RGB(84, 163, 150) contains.

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Color

RGB(84, 163, 150)

Conversions

Conversions Part 1

Format	Color
Hex	54A396
RGB	84, 163, 150
RGB Percent	33%, 64%, 59%
CMY	0.6706, 0.3608, 0.4118
CMYK	0.48, 0.00, 0.08, 0.36
HSL	170°, 32%, 48%
HSV	170°, 48%, 64%
XYZ	22.2584, 30.2812, 33.5259
YIQ	137.8970, -42.9110, -20.7910

Conversions

Conversions Part 2

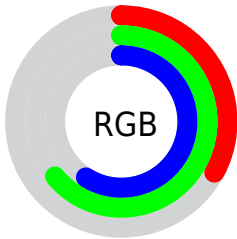
Format	Color
RYB	84, 127, 163
Decimal	5546902
CIELab	61.90, -27.57, -0.75
CIElCh	62, 27.577, 181.557
Yxy	30.2812, 0.2586, 0.3518
Android (android.graphics.Color)	4283736982 (0xFF54A396)
YUV	137.8970, 5.9668, -47.2677
Hunter-Lab	55.0284, -24.0984, 2.3976

Details

The RGB color **84, 163, 150** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **163, 84, 97**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **139, 218, 204**, and **24, 111, 99** is the 20% darker color. If you saturate the color by 10%, you get **68, 163, 147**, and if you desaturate by 10%, it is **100, 163, 153**.

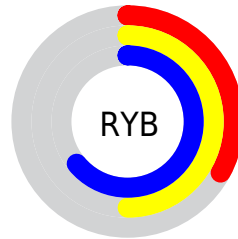
Distribution



Red (33%)

Green (64%)

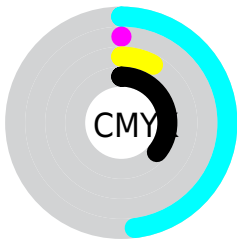
Blue (59%)



Red (33%)

Yellow (50%)

Blue (64%)

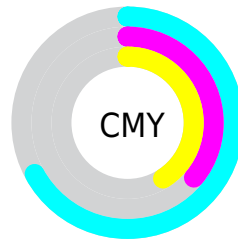


Cyan (48%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (67%)


Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 163, 150 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 84, 163, 150 by changing the saturation by 10% instead.

 84, 163, 150

255, 255, 255


 139, 218, 204


 167, 247, 232

 195, 255, 255


 224, 255, 255

 253, 255, 255

 84, 163, 150

 56, 136, 124

 24, 111, 99


 0, 86, 75


 0, 62, 53


 0, 40, 32


 0, 13, 8

 0, 0, 0

 84, 163, 150

 68, 163, 147

 84, 163, 150

 100, 163, 153

■ 51, 163, 145

■ 117, 163, 155

■ 35, 163, 142

■ 133, 163, 158

■ 19, 163, 139

■ 149, 163, 161

■ 3, 163, 137

■ 165, 163, 163

■ 0, 163, 136

■ 182, 163, 166

■ 198, 163, 169

■ 214, 163, 171

■ 231, 163, 174

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



111, 161, 126



84, 163, 150



70, 162, 174

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84, 163, 150



155, 143, 191



186, 140, 107

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84, 163, 150



163, 84, 97

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197, 133, 125



84, 163, 150



182, 135, 173

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84, 163, 150



119, 151, 198



196, 131, 149



165, 148, 101

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 163, 150



77, 160, 187



196, 131, 149



191, 138, 112

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84, 163, 150



180, 212, 206



97, 163, 84



88, 107, 104



235, 235, 235



107, 107, 107

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 163, 150



89, 212, 191



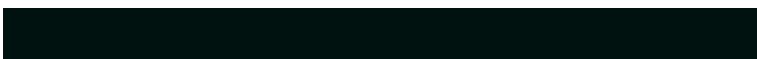
84, 137, 163



73, 82, 80



0, 145, 121



0, 18, 15

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



163, 84, 97



212, 89, 109



163, 110, 84



82, 73, 75



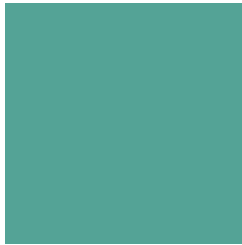
145, 0, 24



18, 0, 3

Previews

White Background



This preview shows how the RGB color 84, 163, 150 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 84, 163, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 84, 163, 150 Background



This preview shows how black text looks on a background with the RGB color 84, 163, 150.



This preview shows how white text looks on a background with the RGB color 84, 163, 150.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
91, 160, 173

Trichromacy



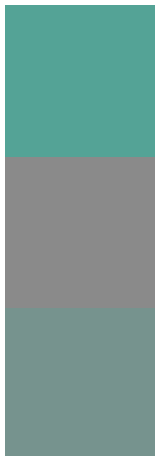
Original Color
84, 163, 150

Protanomaly
128, 153, 145

Deuteranomaly
133, 151, 153

Tritanomaly
88, 161, 165

Monochromacy



Original Color
84, 163, 150

Achromatopsia
138, 138, 138

Achromatomaly
118, 147, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 163, 150 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(84, 163, 150)` looks like.

```
.text, #text, p{  
    color:rgb(84, 163, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(84, 163, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 163, 150) }
```

Border

The CSS property to change the border of an element to RGB 84, 163, 150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(84, 163, 150) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(84, 163, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(84, 163, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 163, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 163, 150);  
box-shadow:4px 4px 4px 4px rgb(84, 163,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 84, 163, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 163, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(84, 163,  
150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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