

Converting Colors

RGB(104, 193, 151)

Have a look what the booklet for
RGB(104, 193, 151) contains.

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Color

RGB(104, 193, 151)

Conversions

Conversions Part 1

Format	Color
Hex	68C197
RGB	104, 193, 151
RGB Percent	41%, 76%, 59%
CMY	0.5922, 0.2431, 0.4078
CMYK	0.46, 0.00, 0.22, 0.24
HSL	152°, 42%, 58%
HSV	152°, 46%, 76%
XYZ	30.3648, 43.3174, 36.0388
YIQ	161.6010, -39.5620, -31.9300

Conversions

Conversions Part 2

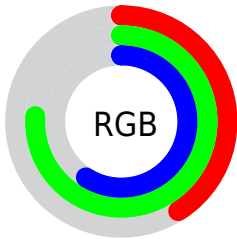
Format	Color
RYB	104, 162, 193
Decimal	6865303
CIELab	71.77, -36.51, 12.98
CIELCh	72, 38.750, 160.428
Yxy	43.3174, 0.2767, 0.3948
Android (android.graphics.Color)	4285055383 (0xFF68C197)
YUV	161.6010, -5.2263, -50.5161
Hunter-Lab	65.8159, -32.8252, 13.6057

Details

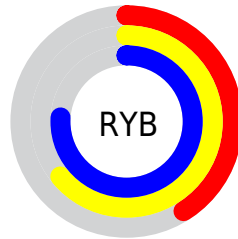
The RGB color **104, 193, 151** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **193, 104, 146**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **159, 250, 205**, and **47, 139, 100** is the 20% darker color. If you saturate the color by 10%, you get **85, 193, 142**, and if you desaturate by 10%, it is **123, 193, 160**.

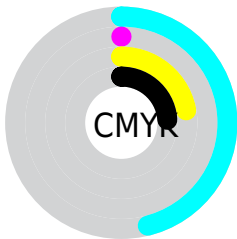
Distribution



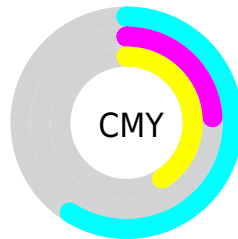
- Red (41%)
- Green (76%)
- Blue (59%)



- Red (41%)
- Yellow (64%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (59%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 193, 151 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 104, 193, 151 by changing the saturation by 10% instead.

 104, 193, 151


255, 255, 255


 159, 250, 205


 188, 255, 233


 217, 255, 255


 246, 255, 255


 104, 193, 151

 76, 166, 125

 47, 139, 100

 8, 113, 76


 0, 88, 53


 0, 64, 32

 0, 41, 9

 0, 12, 0

 0, 0, 0

 104, 193, 151

 104, 193, 151

■ 85, 193, 142

■ 123, 193, 160

■ 65, 193, 133

■ 143, 193, 169

■ 46, 193, 124

■ 162, 193, 178

■ 27, 193, 115

■ 181, 193, 187

■ 7, 193, 105

■ 200, 193, 197

■ 0, 193, 102

■ 220, 193, 206

■ 239, 193, 215

■ 255, 193, 224

■ 255, 193, 233

Harmonies

Analogous

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



148, 187, 121



104, 193, 151



53, 195, 187

Triad

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



104, 193, 151



145, 175, 245



240, 154, 132

Complementary

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



104, 193, 151



193, 104, 146

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.



245, 148, 165



104, 193, 151



196, 162, 230

Square

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



104, 193, 151



83, 186, 242



230, 151, 200



219, 166, 110

Rectangle

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



104, 193, 151



18, 194, 210



230, 151, 200



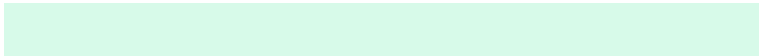
243, 151, 142

Sweetspot

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



104, 193, 151



215, 250, 233



147, 193, 104



104, 125, 115



252, 252, 252



125, 125, 125

Same Dimension

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



104, 193, 151



112, 250, 185



104, 192, 193



87, 97, 92



0, 161, 85



0, 33, 18

Inverse Universe

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



193, 104, 146



250, 112, 177



193, 105, 104



97, 87, 92



161, 0, 76



33, 0, 16

Previews

White Background



This preview shows how the RGB color 104, 193, 151 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 104, 193, 151 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 104, 193, 151 Background



This preview shows how black text looks on a background with the RGB color 104, 193, 151.

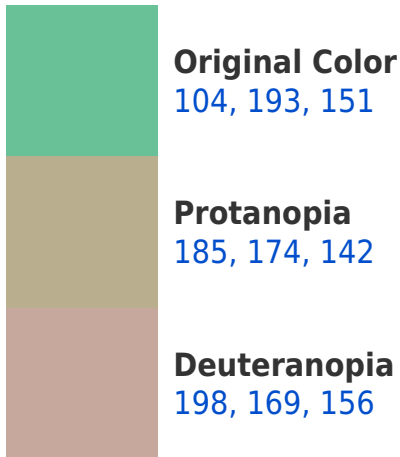


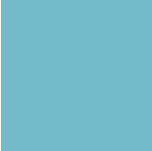
This preview shows how white text looks on a background with the RGB color 104, 193, 151.

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
117, 186, 201

Trichromacy



Original Color

104, 193, 151



Protanomaly

156, 181, 145



Deuteranomaly

164, 178, 154



Tritanomaly

112, 189, 183

Monochromacy



Original Color

104, 193, 151



Achromatopsia

162, 162, 162



Achromatomaly

141, 173, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 193, 151 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(104, 193, 151)` looks like.

```
.text, #text, p{  
    color:rgb(104, 193, 151)  
}
```

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(104, 193, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 193, 151) }
```

Border

The CSS property to change the border of an element to RGB 104, 193, 151 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(104, 193, 151) }
```

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

```
.border{ border-color:rgb(104, 193, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 193, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 193, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 193, 151);  
box-shadow:4px 4px 4px 4px rgb(104, 193,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 104, 193, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 193, 151) }
```

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

```
.background{ background-color: rgb(104,  
193, 151) }
```

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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