

Converting Colors

RGB(100, 193, 104)

Have a look what the booklet for
RGB(100, 193, 104) contains.

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Color

RGB(100, 193, 104)

Conversions

Conversions Part 1

Format	Color
Hex	64C168
RGB	100, 193, 104
RGB Percent	39%, 76%, 41%
CMY	0.6078, 0.2431, 0.5922
CMYK	0.48, 0.00, 0.46, 0.24
HSL	123°, 43%, 57%
HSV	123°, 48%, 76%
XYZ	26.8242, 41.8487, 19.7605
YIQ	155.0470, -26.8590, -47.3950

Conversions

Conversions Part 2

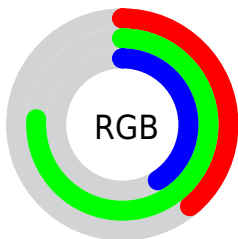
Format	Color
RYB	100, 189, 193
Decimal	6603112
CIELab	70.77, -46.02, 36.36
CIELCh	71, 58.656, 141.688
Yxy	41.8487, 0.3033, 0.4732
Android (android.graphics.Color)	4284793192 (0xFF64C168)
YUV	155.0470, -25.1662, -48.2762
Hunter-Lab	64.6906, -39.1929, 27.1726

Details

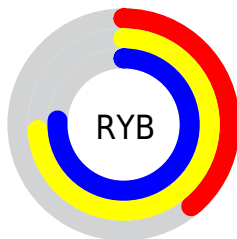
The RGB color **100, 193, 104** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **193, 100, 189**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **156, 250, 156**, and **41, 139, 54** is the 20% darker color. If you saturate the color by 10%, you get **81, 193, 86**, and if you desaturate by 10%, it is **119, 193, 122**.

Distribution



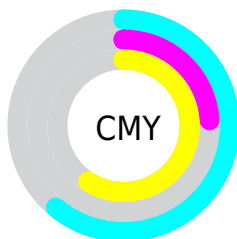
- Red (39%)
- Green (76%)
- Blue (41%)



- Red (39%)
- Yellow (74%)
- Blue (76%)



- Cyan (48%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)



- Cyan (61%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 193, 104 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 100, 193, 104 by changing the saturation by 10% instead.

 100, 193, 104


255, 255, 255


 156, 250, 156


 185, 255, 184


 214, 255, 212

 243, 255, 240

 100, 193, 104

 72, 165, 79

 41, 139, 54

 0, 112, 30

 0, 87, 2


 0, 63, 0


 0, 42, 0

 0, 5, 0


 0, 0, 0

 100, 193, 104


 100, 193, 104

 81, 193, 86

 119, 193, 122

 61, 193, 67


 139, 193, 141


 42, 193, 49


 158, 193, 159


 23, 193, 30

 177, 193, 178

 3, 193, 12

 197, 193, 196

 0, 193, 8

 216, 193, 215

 235, 193, 233

 254, 193, 252

 255, 193, 255

Harmonies

Analogous

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



165, 182, 67



100, 193, 104



0, 199, 156

Triad

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



100, 193, 104



0, 183, 255



255, 128, 137

Complementary

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



100, 193, 104



193, 100, 189

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.



255, 127, 190



100, 193, 104



150, 165, 255

Square

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



100, 193, 104



0, 195, 255



224, 143, 240



253, 145, 91

Rectangle

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



100, 193, 104



0, 200, 193



224, 143, 240



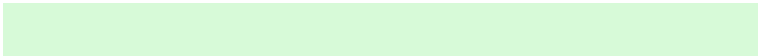
255, 126, 154

Sweetspot

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



100, 193, 104



215, 250, 216



190, 193, 100



104, 125, 105



252, 252, 252



125, 125, 125

Same Dimension

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



100, 193, 104



105, 250, 111



100, 193, 150



87, 97, 88



0, 161, 7



0, 33, 1

Inverse Universe

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



193, 100, 189



250, 105, 244



193, 100, 143



97, 87, 96



161, 0, 154



33, 0, 32

Previews

White Background



This preview shows how the RGB color 100, 193, 104 looks on a white background.

Color Contrast Check

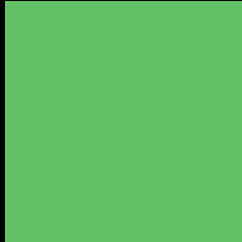
Large Text (above 18pt) WCAG AA × Fail

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 100, 193, 104 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 100, 193, 104 Background



This preview shows how black text looks on a background with the RGB color 100, 193, 104.

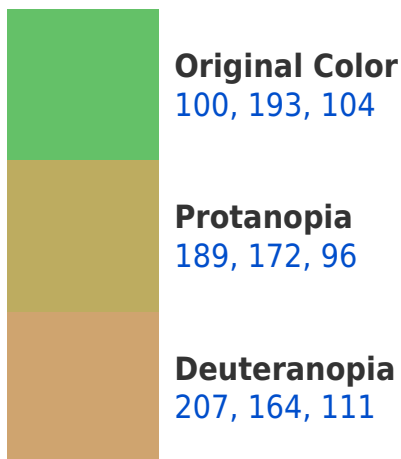


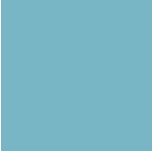
This preview shows how white text looks on a background with the RGB color 100, 193, 104.

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
120, 182, 197

Trichromacy



Original Color

100, 193, 104



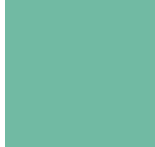
Protanomaly

157, 180, 99



Deuteranomaly

168, 175, 108



Tritanomaly

113, 186, 163

Monochromacy



Original Color

100, 193, 104



Achromatopsia

155, 155, 155



Achromatomaly

135, 169, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 193, 104 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(100, 193, 104)` looks like.

```
.text, #text, p{  
    color:rgb(100, 193, 104)  
}
```

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(100, 193, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 193, 104) }
```

Border

The CSS property to change the border of an element to RGB 100, 193, 104 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(100, 193, 104) }
```

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

```
.border{ border-color:rgb(100, 193, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 193, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 193, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 193, 104); box-shadow:4px 4px 4px 4px rgb(100, 193, 104) }
```

Background

The CSS property to change the background color of an element to RGB 100, 193, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 193, 104) }
```

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

```
.background{ background-color: rgb(100,  
193, 104) }
```

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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