

Converting Colors

RGB(104, 190, 113)

Have a look what the booklet for
RGB(104, 190, 113) contains.

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Color

RGB(104, 190, 113)

Conversions

Conversions Part 1

Format	Color
Hex	68BE71
RGB	104, 190, 113
RGB Percent	41%, 75%, 44%
CMY	0.5922, 0.2549, 0.5569
CMYK	0.45, 0.00, 0.41, 0.25
HSL	126°, 40%, 58%
HSV	126°, 45%, 75%
XYZ	27.1030, 40.9622, 22.1008
YIQ	155.5080, -26.5390, -42.1790

Conversions

Conversions Part 2

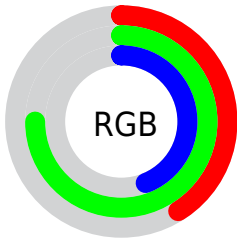
Format	Color
RYB	104, 182, 190
Decimal	6864497
CIELab	70.15, -42.23, 31.00
CIELCh	70, 52.386, 143.724
Yxy	40.9622, 0.3006, 0.4543
Android (android.graphics.Color)	4285054577 (0xFF68BE71)
YUV	155.5080, -20.9564, -45.1725
Hunter-Lab	64.0017, -36.4131, 24.3274

Details

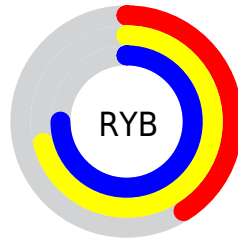
The RGB color **104, 190, 113** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **190, 104, 181**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **159, 247, 166**, and **48, 136, 64** is the 20% darker color. If you saturate the color by 10%, you get **85, 190, 96**, and if you desaturate by 10%, it is **123, 190, 130**.

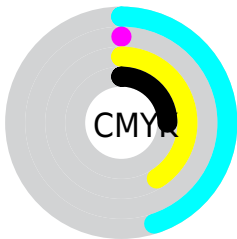
Distribution



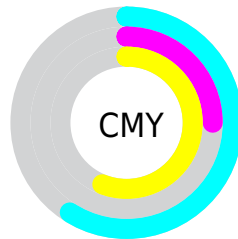
- Red (41%)
- Green (75%)
- Blue (44%)



- Red (41%)
- Yellow (71%)
- Blue (75%)



- Cyan (45%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)




- Cyan (59%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 190, 113 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, 190, 113 by changing the saturation by 10% instead.

 104, 190, 113

255, 255, 255

 159, 247, 166

 188, 255, 193


 217, 255, 221


 246, 255, 250

 104, 190, 113

 76, 163, 88

 48, 136, 64

 9, 110, 40


 0, 85, 16


 0, 61, 0

 0, 40, 0

 0, 1, 0


 0, 0, 0


 104, 190, 113

 104, 190, 113


 85, 190, 96

 123, 190, 130


 66, 190, 79


 142, 190, 147

 47, 190, 62


 161, 190, 164

 28, 190, 45

 180, 190, 181

 9, 190, 28

 199, 190, 198

 0, 190, 20

 218, 190, 215

 237, 190, 232

 255, 190, 249

 255, 190, 255

Harmonies

Analogous

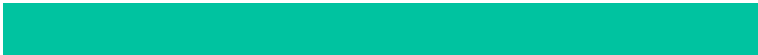
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162, 180, 80



104, 190, 113



0, 195, 160

Triad

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



104, 190, 113



45, 180, 255



255, 134, 136

Complementary

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



104, 190, 113



190, 104, 181

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.



254, 132, 184



104, 190, 113



159, 163, 255

Square

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



104, 190, 113



0, 190, 247



221, 144, 228



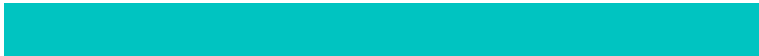
243, 148, 96

Rectangle

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



104, 190, 113



0, 196, 193



221, 144, 228



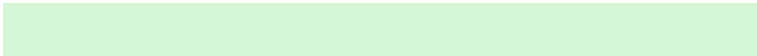
255, 131, 151

Sweetspot

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



104, 190, 113



213, 247, 216



181, 190, 104



104, 125, 106



252, 252, 252



125, 125, 125

Same Dimension

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



104, 190, 113



114, 247, 128



104, 190, 156



85, 94, 86



0, 158, 17



0, 31, 3

Inverse Universe

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



190, 104, 181



247, 114, 233



190, 104, 138



94, 85, 93



158, 0, 142



31, 0, 27

Previews

White Background



This preview shows how the RGB color 104, 190, 113 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, 190, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

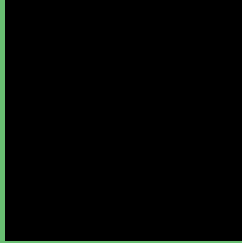
Any Text WCAG AA ✓ Pass

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, 190, 113 Background



This preview shows how black text looks on a background with the RGB color 104, 190, 113.

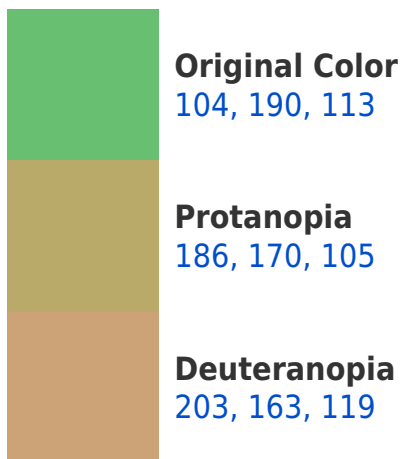


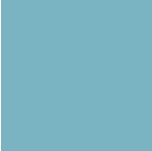
This preview shows how white text looks on a background with the RGB color 104, 190, 113.

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
122, 180, 195

Trichromacy



Original Color

104, 190, 113



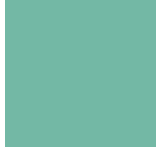
Protanomaly

156, 177, 108



Deuteranomaly

167, 173, 117



Tritanomaly

115, 184, 165

Monochromacy



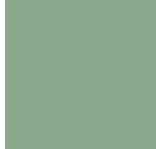
Original Color

104, 190, 113



Achromatopsia

156, 156, 156



Achromatomaly

137, 168, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 190, 113 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, 190, 113)` looks like.

```
.text, #text, p{  
    color:rgb(104, 190, 113)  
}
```

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, 190, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 190, 113) }
```

Border

The CSS property to change the border of an element to RGB 104, 190, 113 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, 190, 113) }
```

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

```
.border{ border-color:rgb(104, 190, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 190, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 190, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 190, 113);  
box-shadow:4px 4px 4px 4px rgb(104, 190,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 104, 190, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 190, 113) }
```

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

```
.background{ background-color: rgb(104,  
190, 113) }
```

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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