

Converting Colors

RGB(102, 191, 145)

Have a look what the booklet for
RGB(102, 191, 145) contains.

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Color

RGB(102, 191, 145)

Conversions

Conversions Part 1

Format	Color
Hex	66BF91
RGB	102, 191, 145
RGB Percent	40%, 75%, 57%
CMY	0.6000, 0.2510, 0.4314
CMYK	0.47, 0.00, 0.24, 0.25
HSL	149°, 41%, 57%
HSV	149°, 47%, 75%
XYZ	29.2211, 42.1307, 33.3800
YIQ	159.1450, -38.2780, -33.1740

Conversions

Conversions Part 2

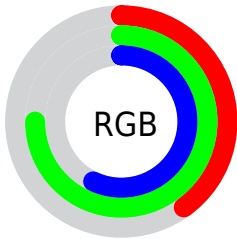
Format	Color
RYB	102, 162, 191
Decimal	6733713
CIELab	70.96, -37.37, 15.08
CIElCh	71, 40.298, 158.030
Yxy	42.1307, 0.2790, 0.4023
Android (android.graphics.Color)	4284923793 (0xFF66BF91)
YUV	159.1450, -6.9735, -50.1162
Hunter-Lab	64.9082, -33.2301, 14.9450

Details

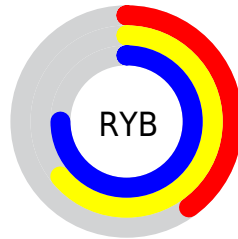
The RGB color **102, 191, 145** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **191, 102, 148**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **157, 248, 199**, and **45, 137, 94** is the 20% darker color. If you saturate the color by 10%, you get **83, 191, 135**, and if you desaturate by 10%, it is **121, 191, 155**.

Distribution



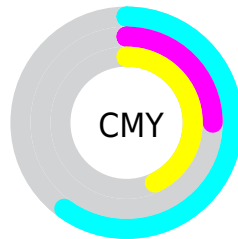
- Red (40%)
- Green (75%)
- Blue (57%)



- Red (40%)
- Yellow (64%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)




- Cyan (60%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 191, 145 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 102, 191, 145 by changing the saturation by 10% instead.

 102, 191, 145


255, 255, 255


 157, 248, 199

 186, 255, 227


 215, 255, 255


 244, 255, 255

 102, 191, 145

 74, 164, 119

 45, 137, 94

 4, 111, 71


 0, 86, 48


 0, 62, 27


 0, 40, 1


 0, 7, 0


 0, 0, 0


 102, 191, 145


 102, 191, 145

 83, 191, 135


 121, 191, 155


 64, 191, 125


 140, 191, 165


 45, 191, 115


 159, 191, 175

 26, 191, 106

 178, 191, 184

 7, 191, 96

 198, 191, 194

 0, 191, 92

 217, 191, 204

 236, 191, 214

 255, 191, 224

 255, 191, 234

Harmonies

Analogous

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



148, 185, 114



102, 191, 145



42, 193, 183

Triad

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



102, 191, 145



136, 174, 246



241, 150, 130

Complementary

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



102, 191, 145



191, 102, 148

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.



244, 145, 165



102, 191, 145



191, 160, 232

Square

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



102, 191, 145



66, 185, 241



228, 149, 202



220, 162, 106

Rectangle

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



102, 191, 145



0, 192, 207



228, 149, 202



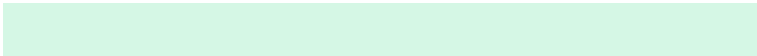
244, 147, 141

Sweetspot

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



102, 191, 145



213, 247, 229



149, 191, 102



104, 125, 114



252, 252, 252



125, 125, 125

Same Dimension

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



102, 191, 145



109, 247, 176



102, 191, 188



85, 94, 89



0, 158, 76



0, 31, 15

Inverse Universe

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



191, 102, 148



247, 109, 180



191, 102, 105



94, 85, 90



158, 0, 82



31, 0, 16

Previews

White Background



This preview shows how the RGB color 102, 191, 145 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 102, 191, 145 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 102, 191, 145 Background



This preview shows how black text looks on a background with the RGB color 102, 191, 145.

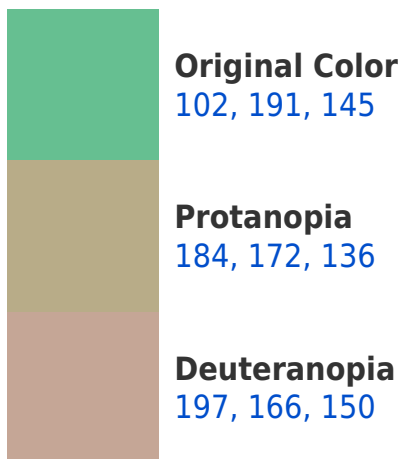


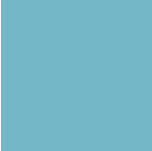
This preview shows how white text looks on a background with the RGB color 102, 191, 145.

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
116, 184, 199

Trichromacy



Original Color

102, 191, 145



Protanomaly

154, 179, 139



Deuteranomaly

162, 175, 148



Tritanomaly

111, 187, 179

Monochromacy



Original Color

102, 191, 145



Achromatopsia

159, 159, 159



Achromatomaly

138, 171, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 191, 145 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(102, 191, 145)` looks like.

```
.text, #text, p{  
    color:rgb(102, 191, 145)  
}
```

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(102, 191, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 191, 145) }
```

Border

The CSS property to change the border of an element to RGB 102, 191, 145 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(102, 191, 145) }
```

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

```
.border{ border-color:rgb(102, 191, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 191, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 191, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 191, 145);  
box-shadow:4px 4px 4px 4px rgb(102, 191,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 102, 191, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 191, 145) }
```

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

```
.background{ background-color: rgb(102,  
191, 145) }
```

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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