

Converting Colors

RGB(102, 204, 159)

Have a look what the booklet for
RGB(102, 204, 159) contains.

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Color

RGB(102, 204, 159)

Conversions

Conversions Part 1

Format	Color
Hex	66CC9F
RGB	102, 204, 159
RGB Percent	40%, 80%, 62%
CMY	0.6000, 0.2000, 0.3765
CMYK	0.50, 0.00, 0.22, 0.20
HSL	154°, 50%, 60%
HSV	154°, 50%, 80%
XYZ	33.3304, 48.5137, 40.4083
YIQ	168.3720, -46.3470, -35.6190

Conversions

Conversions Part 2

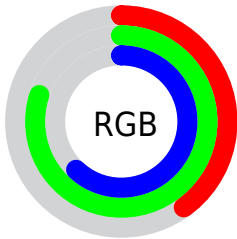
Format	Color
RYB	102, 167, 204
Decimal	6737055
CIELab	75.15, -40.29, 13.43
CIELCh	75, 42.466, 161.569
Yxy	48.5137, 0.2726, 0.3968
Android (android.graphics.Color)	4284927135 (0xFF66CC9F)
YUV	168.3720, -4.6204, -58.2082
Hunter-Lab	69.6518, -36.4733, 14.3593

Details

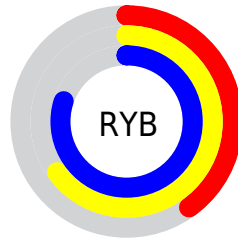
The RGB color **102, 204, 159** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **204, 102, 147**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **159, 255, 214**, and **41, 149, 107** is the 20% darker color. If you saturate the color by 10%, you get **82, 204, 150**, and if you desaturate by 10%, it is **122, 204, 168**.

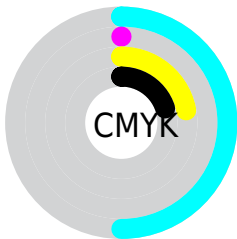
Distribution



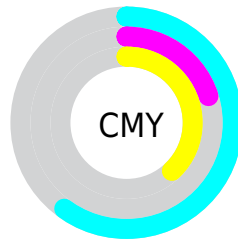
- Red (40%)
- Green (80%)
- Blue (62%)



- Red (40%)
- Yellow (65%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 204, 159 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, 204, 159 by changing the saturation by 10% instead.

 102, 204, 159

255, 255, 255


 159, 255, 214


 187, 255, 242


 217, 255, 255

 246, 255, 255

 102, 204, 159

 73, 176, 133

 41, 149, 107

 0, 123, 83

 0, 97, 60

 0, 73, 38

 0, 49, 17

 0, 27, 0

 0, 0, 0

 102, 204, 159

 102, 204, 159

 82, 204, 150

 122, 204, 168

 61, 204, 141

 143, 204, 177

 41, 204, 132

 163, 204, 186

 20, 204, 123

 184, 204, 195

 0, 204, 114

 204, 204, 204

 224, 204, 213

 245, 204, 222

 255, 204, 231

 255, 204, 240

Harmonies

Analogous

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



152, 198, 125



102, 204, 159



31, 206, 199

Triad

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



102, 204, 159



152, 184, 255



255, 161, 135

Complementary

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



102, 204, 159



204, 102, 147

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, 154, 171



102, 204, 159



209, 169, 244

Square

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



102, 204, 159



79, 196, 255



246, 157, 211



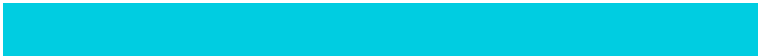
231, 174, 111

Rectangle

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



102, 204, 159



0, 205, 225



246, 157, 211



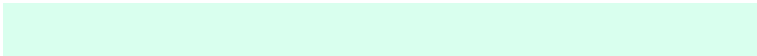
255, 158, 146

Sweetspot

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



102, 204, 159



217, 255, 238



148, 204, 102



105, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



102, 204, 159



102, 255, 187



102, 199, 204



92, 102, 98



0, 166, 93



0, 38, 21

Inverse Universe

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



204, 102, 147



255, 102, 170



204, 107, 102



102, 92, 96



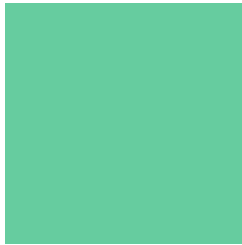
166, 0, 73



38, 0, 17

Previews

White Background



This preview shows how the RGB color 102, 204, 159 looks on a white background.

Color Contrast Check

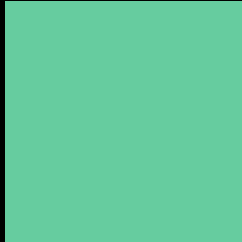
Large Text (above 18pt) WCAG AA × Fail

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, 204, 159 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, 204, 159 Background



This preview shows how black text looks on a background with the RGB color 102, 204, 159.

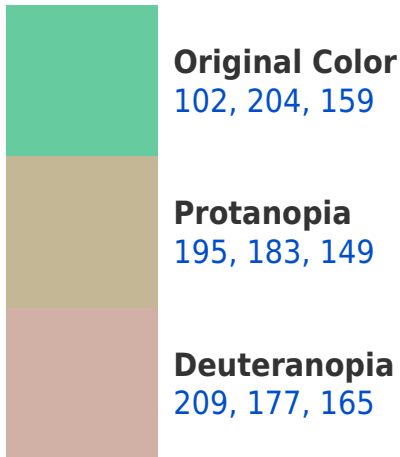


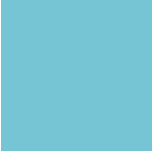
This preview shows how white text looks on a background with the RGB color 102, 204, 159.

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, 197, 213

Trichromacy



Original Color

102, 204, 159



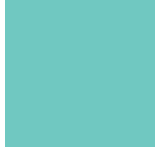
Protanomaly

161, 191, 153



Deuteranomaly

170, 187, 163



Tritanomaly

112, 200, 193

Monochromacy



Original Color

102, 204, 159



Achromatopsia

168, 168, 168



Achromatomaly

144, 181, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 204, 159 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, 204, 159)` looks like.

```
.text, #text, p{  
    color:rgb(102, 204, 159)  
}
```

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, 204, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 204, 159) }
```

Border

The CSS property to change the border of an element to RGB 102, 204, 159 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, 204, 159) }
```

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

```
.border{ border-color:rgb(102, 204, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 204, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 204, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 204, 159);  
box-shadow:4px 4px 4px 4px rgb(102, 204,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 102, 204, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 204, 159) }
```

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

```
.background{ background-color: rgb(102,  
204, 159) }
```

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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