

Converting Colors

RGB(120, 192, 169)

Have a look what the booklet for
RGB(120, 192, 169) contains.

RGB(120, 192, 169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(120, 192, 169)

Conversions

Conversions Part 1

Format	Color
Hex	78C0A9
RGB	120, 192, 169
RGB Percent	47%, 75%, 66%
CMY	0.5294, 0.2471, 0.3373
CMYK	0.38, 0.00, 0.12, 0.25
HSL	161°, 36%, 61%
HSV	161°, 38%, 75%
XYZ	33.7568, 44.5569, 44.3573
YIQ	167.8500, -35.5290, -22.4170

Conversions

Conversions Part 2

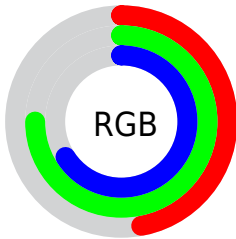
Format	Color
RYB	120, 163, 192
Decimal	7913641
CIELab	72.60, -27.81, 4.49
CIElCh	73, 28.166, 170.818
Yxy	44.5569, 0.2752, 0.3632
Android (android.graphics.Color)	4286103721 (0xFF78C0A9)
YUV	167.8500, 0.5670, -41.9644
Hunter-Lab	66.7510, -26.5445, 7.3263

Details

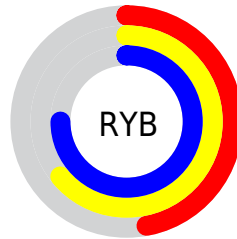
The RGB color **120, 192, 169** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **192, 120, 143**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **175, 249, 224**, and **67, 138, 117** is the 20% darker color. If you saturate the color by 10%, you get **101, 192, 163**, and if you desaturate by 10%, it is **139, 192, 175**.

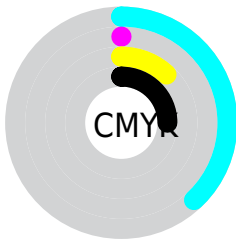
Distribution



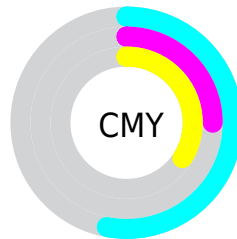
- Red (47%)
- Green (75%)
- Blue (66%)



- Red (47%)
- Yellow (64%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 192, 169 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 120, 192, 169 by changing the saturation by 10% instead.

 120, 192, 169


255, 255, 255


 175, 249, 224

 203, 255, 253

 232, 255, 255

 120, 192, 169

 93, 165, 143

 67, 138, 117

 39, 112, 92

 3, 88, 69


 0, 64, 47


 0, 41, 26

 0, 17, 0


 0, 0, 0

 120, 192, 169


 120, 192, 169

 101, 192, 163


 139, 192, 175

 82, 192, 157


 158, 192, 181

 62, 192, 151

 178, 192, 187

 43, 192, 144

 197, 192, 194

 24, 192, 138

 216, 192, 200

 5, 192, 132

 235, 192, 206

 0, 192, 131

 254, 192, 212

 255, 192, 218

 255, 192, 224

Harmonies

Analogous

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



149, 188, 145



120, 192, 169



101, 192, 195

Triad

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



120, 192, 169



171, 174, 226



223, 165, 139

Complementary

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



120, 192, 169



192, 120, 143

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.



230, 160, 161



120, 192, 169



203, 166, 211

Square

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



120, 192, 169



134, 183, 228



224, 160, 187



204, 174, 128

Rectangle

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



120, 192, 169



101, 191, 211



224, 160, 187



227, 163, 146

Sweetspot

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



120, 192, 169



222, 250, 241



144, 192, 120



109, 125, 120



252, 252, 252



125, 125, 125

Same Dimension

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



120, 192, 169



137, 250, 214



120, 180, 192



87, 97, 94



0, 161, 109



0, 33, 23

Inverse Universe

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



192, 120, 143



250, 137, 173



192, 132, 120



97, 87, 90



161, 0, 51



33, 0, 11

Previews

White Background



This preview shows how the RGB color 120, 192, 169 looks on a white background.

Color Contrast Check

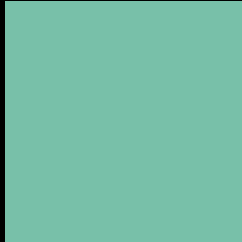
Large Text (above 18pt) WCAG AA × Fail

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 120, 192, 169 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 120, 192, 169 Background



This preview shows how black text looks on a background with the RGB color 120, 192, 169.

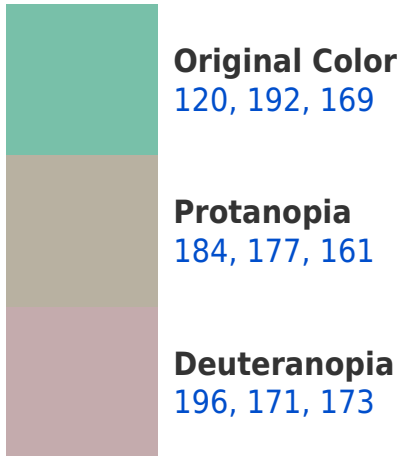


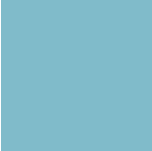
This preview shows how white text looks on a background with the RGB color 120, 192, 169.

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](#).

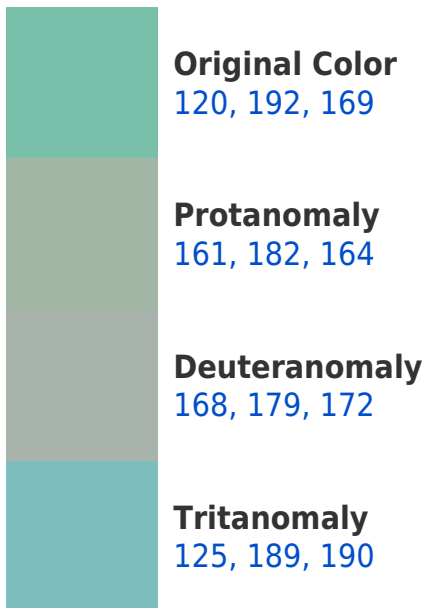
Dichromacy



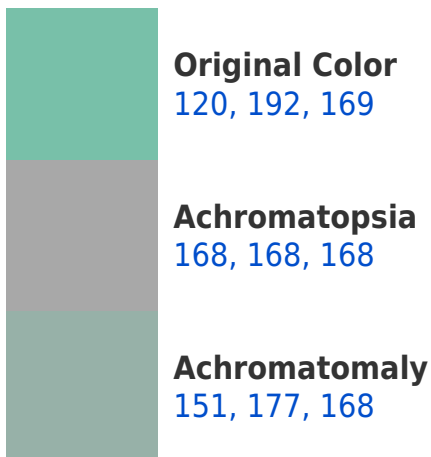


Tritanopia
128, 187, 202

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 192, 169 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(120, 192, 169)` looks like.

```
.text, #text, p{  
    color:rgb(120, 192, 169)  
}
```

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(120, 192, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 192, 169) }
```

Border

The CSS property to change the border of an element to RGB 120, 192, 169 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(120, 192, 169) }
```

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

```
.border{ border-color:rgb(120, 192, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 192, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 192, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 192, 169);  
box-shadow:4px 4px 4px 4px rgb(120, 192,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 120, 192, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 192, 169) }
```

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

```
.background{ background-color: rgb(120,  
192, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor