

Converting Colors

RGB(120, 199, 169)

Have a look what the booklet for
RGB(120, 199, 169) contains.

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Color

RGB(120, 199, 169)

Conversions

Conversions Part 1

Format	Color
Hex	78C7A9
RGB	120, 199, 169
RGB Percent	47%, 78%, 66%
CMY	0.5294, 0.2196, 0.3373
CMYK	0.40, 0.00, 0.15, 0.22
HSL	157°, 41%, 63%
HSV	157°, 40%, 78%
XYZ	35.3306, 47.7045, 44.8819
YIQ	171.9590, -37.4540, -26.0780

Conversions

Conversions Part 2

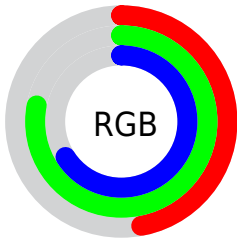
Format	Color
RYB	120, 169, 199
Decimal	7915433
CIELab	74.64, -31.17, 7.43
CIElCh	75, 32.047, 166.598
Yxy	47.7045, 0.2762, 0.3729
Android (android.graphics.Color)	4286105513 (0xFF78C7A9)
YUV	171.9590, -1.4588, -45.5680
Hunter-Lab	69.0684, -29.5616, 9.8202

Details

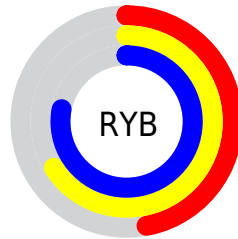
The RGB color **120, 199, 169** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **199, 120, 150**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **175, 255, 224**, and **66, 145, 117** is the 20% darker color. If you saturate the color by 10%, you get **100, 199, 161**, and if you desaturate by 10%, it is **140, 199, 177**.

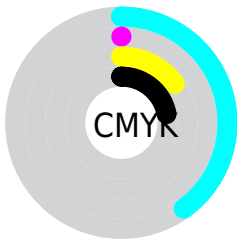
Distribution



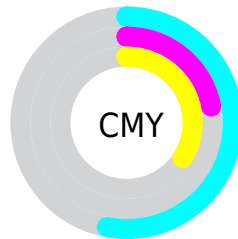
- Red (47%)
- Green (78%)
- Blue (66%)



- Red (47%)
- Yellow (66%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 199, 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, 199, 169 by changing the saturation by 10% instead.


 120, 199, 169


255, 255, 255


 175, 255, 224

 204, 255, 253

 233, 255, 255

 120, 199, 169

 93, 171, 143


 66, 145, 117

 37, 119, 92

 0, 93, 69

 0, 69, 46

 0, 46, 26


 0, 25, 0


 0, 0, 0


 120, 199, 169


 120, 199, 169


 100, 199, 161


 140, 199, 177


 80, 199, 154


 160, 199, 184


 60, 199, 146

 180, 199, 192

 40, 199, 139

 200, 199, 199

 21, 199, 131

 220, 199, 207

 1, 199, 124

 239, 199, 214

 0, 199, 123

 255, 199, 222

 255, 199, 229

 255, 199, 237

Harmonies

Analogous

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



154, 195, 142



120, 199, 169



93, 200, 199

Triad

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



120, 199, 169



169, 181, 240



236, 168, 142

Complementary

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



120, 199, 169



199, 120, 150

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.



243, 162, 168



120, 199, 169



208, 170, 224

Square

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



120, 199, 169



125, 190, 240



234, 163, 198



216, 177, 127

Rectangle

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



120, 199, 169



88, 198, 218



234, 163, 198



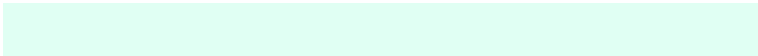
240, 165, 150

Sweetspot

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



120, 199, 169



224, 255, 243



150, 199, 120



110, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



120, 199, 169



133, 255, 209



120, 190, 199



90, 99, 96



0, 163, 101



0, 36, 22

Inverse Universe

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



199, 120, 150



255, 133, 179



199, 129, 120



99, 90, 93



163, 0, 62



36, 0, 14

Previews

White Background



This preview shows how the RGB color 120, 199, 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, 199, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

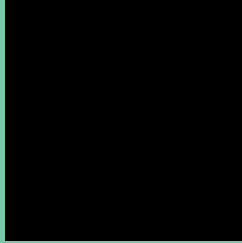
Any Text WCAG AA ✓ Pass

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, 199, 169 Background



This preview shows how black text looks on a background with the RGB color 120, 199, 169.

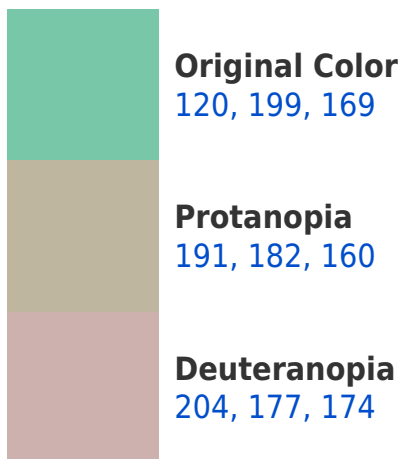


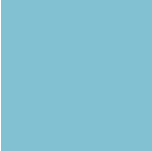
This preview shows how white text looks on a background with the RGB color 120, 199, 169.

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
130, 193, 209

Trichromacy



Original Color

120, 199, 169



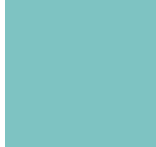
Protanomaly

165, 188, 163



Deuteranomaly

173, 185, 172



Tritanomaly

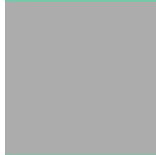
126, 195, 194

Monochromacy



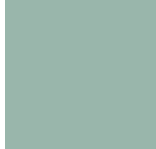
Original Color

120, 199, 169



Achromatopsia

172, 172, 172



Achromatomaly

153, 182, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 199, 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, 199, 169)` looks like.

```
.text, #text, p{  
    color:rgb(120, 199, 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, 199, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 199, 169) }
```

Border

The CSS property to change the border of an element to RGB 120, 199, 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, 199, 169) }
```

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

```
.border{ border-color:rgb(120, 199, 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, 199, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 199, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 199, 169); box-shadow:4px 4px 4px 4px rgb(120, 199, 169) }
```

Background

The CSS property to change the background color of an element to RGB 120, 199, 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, 199, 169) }
```

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

```
.background{ background-color: rgb(120,  
199, 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](#).

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