

Converting Colors

RGB(118, 190, 180)

Have a look what the booklet for
RGB(118, 190, 180) contains.

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Color

RGB(118, 190, 180)

Conversions

Conversions Part 1

Format	Color
Hex	76BEB4
RGB	118, 190, 180
RGB Percent	46%, 75%, 71%
CMY	0.5373, 0.2549, 0.2941
CMYK	0.38, 0.00, 0.05, 0.25
HSL	172°, 36%, 60%
HSV	172°, 38%, 75%
XYZ	34.1229, 43.9738, 49.8693
YIQ	167.3320, -39.7020, -18.3740

Conversions

Conversions Part 2

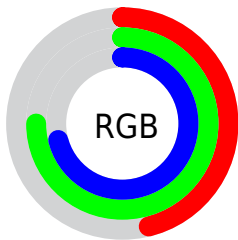
Format	Color
RYB	118, 157, 190
Decimal	7782068
CIELab	72.21, -24.86, -2.08
CIELCh	72, 24.943, 184.779
Yxy	43.9738, 0.2667, 0.3436
Android (android.graphics.Color)	4285972148 (0xFF76BEB4)
YUV	167.3320, 6.2453, -43.2642
Hunter-Lab	66.3127, -24.1955, 1.8309

Details

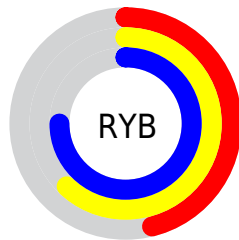
The RGB color **118, 190, 180** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **190, 118, 128**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **173, 247, 236**, and **64, 136, 127** is the 20% darker color. If you saturate the color by 10%, you get **99, 190, 177**, and if you desaturate by 10%, it is **137, 190, 183**.

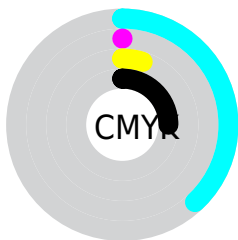
Distribution



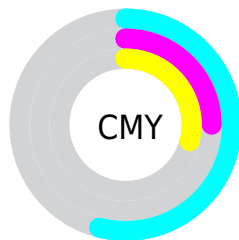
- Red (46%)
- Green (75%)
- Blue (71%)



- Red (46%)
- Yellow (62%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 190, 180 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 118, 190, 180 by changing the saturation by 10% instead.

 118, 190, 180


255, 255, 255


 173, 247, 236


 201, 255, 255


 230, 255, 255

 118, 190, 180

 91, 163, 153

 64, 136, 127

 36, 111, 102

 0, 86, 78


 0, 62, 56

 0, 40, 34

 0, 15, 13

 0, 0, 0

 118, 190, 180

 118, 190, 180

■ 99, 190, 177

■ 137, 190, 183

■ 80, 190, 175

■ 156, 190, 185

■ 61, 190, 172

■ 175, 190, 188

■ 42, 190, 169

■ 194, 190, 191

■ 23, 190, 167

■ 213, 190, 193

■ 4, 190, 164

■ 232, 190, 196

■ 0, 190, 164

■ 251, 190, 198

■ 255, 190, 201

■ 255, 190, 204

Harmonies

Analogous

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



139, 188, 157



118, 190, 180



111, 189, 202

Triad

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



118, 190, 180



185, 170, 214



210, 169, 137

Complementary

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



118, 190, 180



190, 118, 128

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.



222, 163, 152



118, 190, 180



210, 163, 197

Square

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



118, 190, 180



154, 178, 222



222, 161, 174



190, 177, 132

Rectangle

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



118, 190, 180



118, 186, 214



222, 161, 174



215, 167, 141

Sweetspot

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



118, 190, 180



220, 247, 244



129, 190, 118



109, 125, 123



252, 252, 252



125, 125, 125

Same Dimension

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



118, 190, 180



136, 247, 232



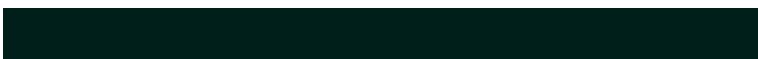
118, 165, 190



85, 94, 93



0, 158, 136



0, 31, 26

Inverse Universe

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



190, 118, 128



247, 136, 152



190, 143, 118



94, 85, 86



158, 0, 22



31, 0, 4

Previews

White Background



This preview shows how the RGB color 118, 190, 180 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 118, 190, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

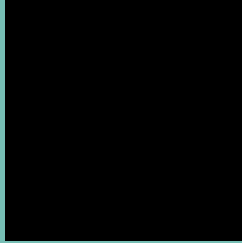
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

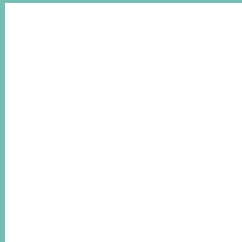
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 118, 190, 180 Background



This preview shows how black text looks on a background with the RGB color 118, 190, 180.

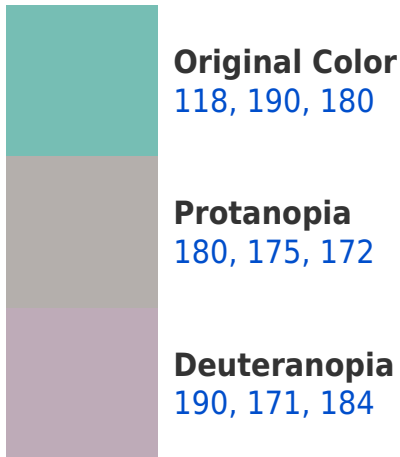


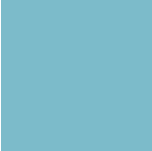
This preview shows how white text looks on a background with the RGB color 118, 190, 180.

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
124, 187, 202

Trichromacy



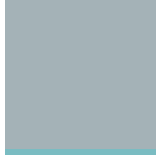
Original Color

118, 190, 180



Protanomaly

157, 180, 175



Deuteranomaly

164, 178, 183



Tritanomaly

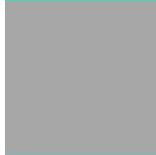
122, 188, 194

Monochromacy



Original Color

118, 190, 180



Achromatopsia

167, 167, 167



Achromatomaly

149, 175, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 190, 180 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(118, 190, 180)` looks like.

```
.text, #text, p{  
    color:rgb(118, 190, 180)  
}
```

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(118, 190, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 190, 180) }
```

Border

The CSS property to change the border of an element to RGB 118, 190, 180 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(118, 190, 180) }
```

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

```
.border{ border-color:rgb(118, 190, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 190, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 190, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 190, 180);  
box-shadow:4px 4px 4px 4px rgb(118, 190,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 118, 190, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 190, 180) }
```

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

```
.background{ background-color: rgb(118,  
190, 180) }
```

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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