

Converting Colors

RGB(119, 172, 186)

Have a look what the booklet for
RGB(119, 172, 186) contains.

RGB(119, 172, 186)	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(119, 172, 186)

Conversions

Conversions Part 1

Format	Color
Hex	77ACBA
RGB	119, 172, 186
RGB Percent	47%, 67%, 73%
CMY	0.5333, 0.3255, 0.2706
CMYK	0.36, 0.08, 0.00, 0.27
HSL	193°, 33%, 60%
HSV	193°, 36%, 73%
XYZ	31.2232, 36.9722, 51.9451
YIQ	157.7490, -36.0820, -6.8820

Conversions

Conversions Part 2

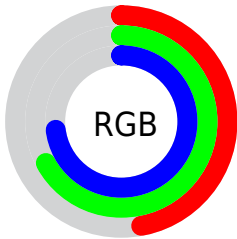
Format	Color
RYB	119, 149, 186
Decimal	7843002
CIELab	67.26, -13.86, -12.73
CIELCh	67, 18.823, 222.558
Yxy	36.9722, 0.2599, 0.3077
Android (android.graphics.Color)	4286033082 (0xFF77ACBA)
YUV	157.7490, 13.9277, -33.9829
Hunter-Lab	60.8047, -14.7486, -8.0877

Details

The RGB color **119, 172, 186** is a light color, and the websafe version is hex **669999**. A complement of this color would be **186, 133, 119**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **173, 227, 242**, and **66, 120, 133** is the 20% darker color. If you saturate the color by 10%, you get **100, 168, 186**, and if you desaturate by 10%, it is **138, 176, 186**.

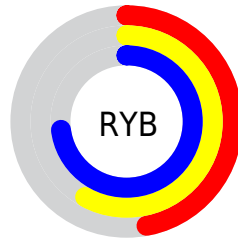
Distribution



Red (47%)

Green (67%)

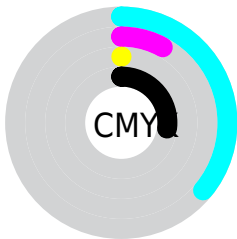
Blue (73%)



Red (47%)

Yellow (58%)

Blue (73%)

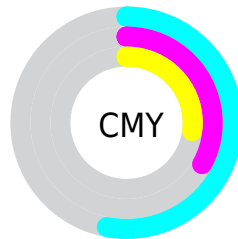


Cyan (36%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 172, 186 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 119, 172, 186 by changing the saturation by 10% instead.

 119, 172, 186


255, 255, 255


 173, 227, 242


 202, 255, 255

 230, 255, 255

 119, 172, 186

 93, 145, 159

 66, 120, 133

 40, 95, 108

 6, 71, 83

 0, 49, 60

 0, 28, 38

 0, 1, 18

 0, 0, 0

 119, 172, 186

 119, 172, 186

■ 100, 168, 186

■ 138, 176, 186

■ 82, 164, 186

■ 156, 180, 186

■ 63, 160, 186

■ 175, 184, 186

■ 45, 156, 186

■ 193, 188, 186

■ 26, 153, 186

■ 212, 191, 186

■ 7, 149, 186

■ 231, 195, 186

■ 0, 147, 186

■ 249, 199, 186

■ 255, 203, 186

■ 255, 207, 186

Harmonies

Analogous

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



119, 174, 170



119, 172, 186



132, 168, 196

Triad

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



119, 172, 186



192, 153, 174



169, 165, 131

Complementary

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



119, 172, 186



186, 133, 119

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.



186, 159, 132



119, 172, 186



199, 152, 157

Square

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



119, 172, 186



175, 157, 189



197, 154, 142



150, 170, 138

Rectangle

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



119, 172, 186



146, 165, 197



197, 154, 142



175, 163, 130

Sweetspot

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



119, 172, 186



216, 237, 242



119, 186, 132



106, 119, 122



250, 250, 250



122, 122, 122

Same Dimension

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



119, 172, 186



138, 220, 242



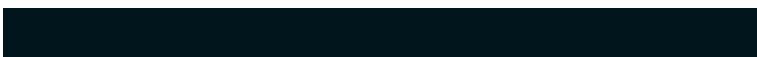
119, 139, 186



83, 90, 92



0, 123, 156



0, 22, 28

Inverse Universe

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



186, 119, 172



242, 138, 220



186, 166, 119



92, 83, 90



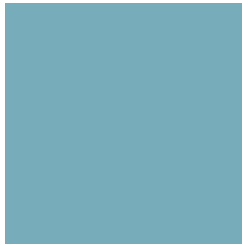
156, 0, 123



28, 0, 22

Previews

White Background



This preview shows how the RGB color 119, 172, 186 looks on a white background.

Color Contrast Check

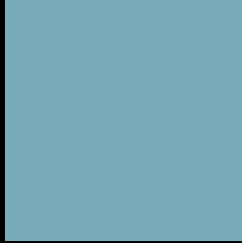
Large Text (above 18pt) WCAG AA × Fail

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 119, 172, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

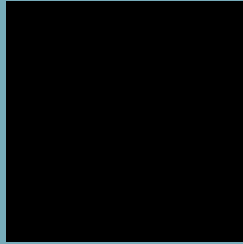
Any Text WCAG AA ✓ Pass

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 119, 172, 186 Background



This preview shows how black text looks on a background with the RGB color 119, 172, 186.

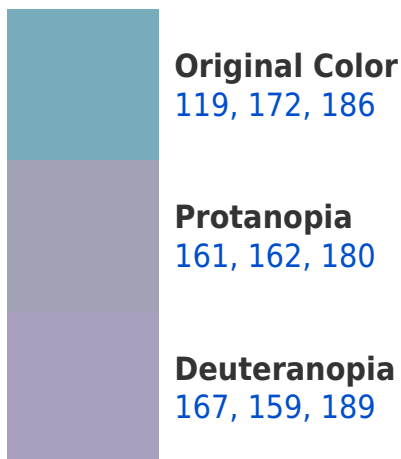


This preview shows how white text looks on a background with the RGB color 119, 172, 186.

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
119, 172, 186

Trichromacy



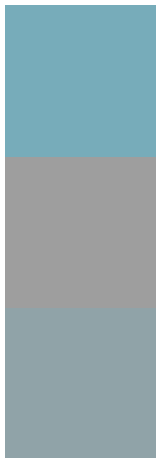
Original Color
119, 172, 186

Protanomaly
146, 166, 182

Deuteranomaly
150, 164, 188

Tritanomaly
119, 172, 186

Monochromacy



Original Color
119, 172, 186

Achromatopsia
158, 158, 158

Achromatomaly
144, 163, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 172, 186 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(119, 172, 186)` looks like.

```
.text, #text, p{  
    color:rgb(119, 172, 186)  
}
```

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(119, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 172, 186) }
```

Border

The CSS property to change the border of an element to RGB 119, 172, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

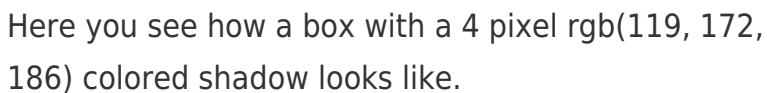
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 172, 186) }
```

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

```
.border{ border-color:rgb(119, 172, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 172, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 172, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 172, 186); box-shadow:4px 4px 4px 4px rgb(119, 172, 186) }
```

Background

The CSS property to change the background color of an element to RGB 119, 172, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 172, 186) }
```

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

```
.background{ background-color: rgb(119,  
172, 186) }
```

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