

Converting Colors

RGB(122, 178, 204)

Have a look what the booklet for
RGB(122, 178, 204) contains.

RGB(122, 178, 204)	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(122, 178, 204)

Conversions

Conversions Part 1

Format	Color
Hex	7AB2CC
RGB	122, 178, 204
RGB Percent	48%, 70%, 80%
CMY	0.5216, 0.3020, 0.2000
CMYK	0.40, 0.13, 0.00, 0.20
HSL	199°, 45%, 64%
HSV	199°, 40%, 80%
XYZ	34.8455, 40.3380, 63.0762
YIQ	164.2200, -41.7220, -3.7860

Conversions

Conversions Part 2

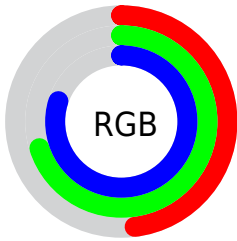
Format	Color
RYB	122, 155, 204
Decimal	8041164
CIELab	69.71, -11.58, -18.95
CIElCh	70, 22.209, 238.562
Yxy	40.3380, 0.2520, 0.2918
Android (android.graphics.Color)	4286231244 (0xFF7AB2CC)
YUV	164.2200, 19.6115, -37.0269
Hunter-Lab	63.5122, -13.2136, -14.4244

Details

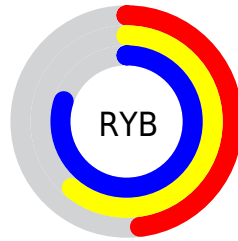
The RGB color **122, 178, 204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **204, 148, 122**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **177, 234, 255**, and **68, 125, 150** is the 20% darker color. If you saturate the color by 10%, you get **102, 172, 204**, and if you desaturate by 10%, it is **142, 184, 204**.

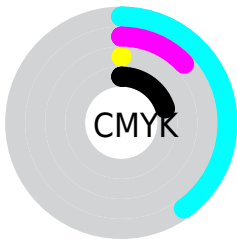
Distribution



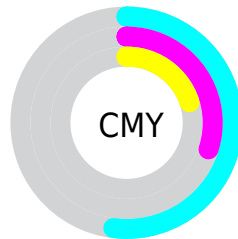
- Red (48%)
- Green (70%)
- Blue (80%)



- Red (48%)
- Yellow (61%)
- Blue (80%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)




- Cyan (52%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 178, 204 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 122, 178, 204 by changing the saturation by 10% instead.

 122, 178, 204


255, 255, 255


 177, 234, 255


 206, 255, 255

 235, 255, 255

 122, 178, 204

 95, 151, 177

 68, 125, 150

 39, 100, 124

 0, 76, 99

 0, 54, 75

 0, 32, 52

 0, 2, 31

 0, 0, 3

 0, 0, 0

■ 122, 178, 204

■ 122, 178, 204

■ 102, 172, 204

■ 142, 184, 204

■ 81, 165, 204

■ 163, 191, 204

■ 61, 159, 204

■ 183, 197, 204

■ 40, 152, 204

■ 204, 204, 204

■ 20, 146, 204

■ 224, 210, 204

■ 0, 139, 204

■ 244, 217, 204

■ 255, 223, 204

■ 255, 230, 204

■ 255, 236, 204

Harmonies

Analogous

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



113, 181, 189



122, 178, 204



145, 172, 210

Triad

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



122, 178, 204



209, 156, 172



165, 175, 135

Complementary

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



122, 178, 204



204, 148, 122

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, 169, 130



122, 178, 204



211, 157, 152

Square

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



122, 178, 204



196, 159, 192



203, 162, 137



142, 180, 149

Rectangle

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



122, 178, 204



163, 168, 208



203, 162, 137



172, 173, 132

Sweetspot

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



122, 178, 204



224, 245, 255



122, 204, 148



110, 122, 128



0, 0, 0



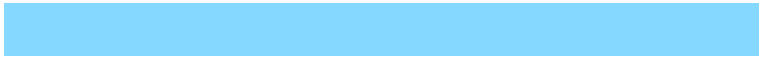
128, 128, 128

Same Dimension

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



122, 178, 204



133, 216, 255



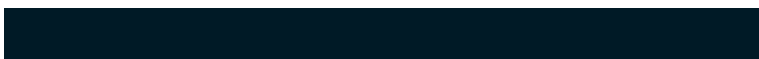
122, 137, 204



92, 99, 102



0, 113, 166



0, 26, 38

Inverse Universe

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



204, 122, 178



255, 133, 216



204, 189, 122



102, 92, 99



166, 0, 113



38, 0, 26

Previews

White Background



This preview shows how the RGB color 122, 178, 204 looks on a white background.

Color Contrast Check

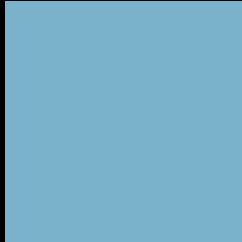
Large Text (above 18pt) WCAG AA × Fail

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 122, 178, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

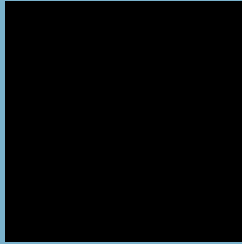
Any Text WCAG AA ✓ Pass

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 122, 178, 204 Background



This preview shows how black text looks on a background with the RGB color 122, 178, 204.



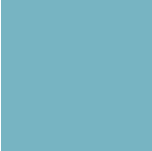
This preview shows how white text looks on a background with the RGB color 122, 178, 204.

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, 180, 194

Trichromacy



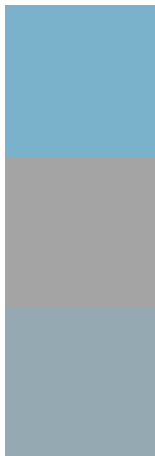
Original Color
122, 178, 204

Protanomaly
149, 172, 200

Deuteranomaly
151, 170, 206

Tritanomaly
120, 179, 198

Monochromacy



Original Color
122, 178, 204

Achromatopsia
164, 164, 164

Achromatomaly
149, 169, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 178, 204 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(122, 178, 204)` looks like.

```
.text, #text, p{  
    color:rgb(122, 178, 204)  
}
```

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(122, 178, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 178, 204) }
```

Border

The CSS property to change the border of an element to RGB 122, 178, 204 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(122, 178, 204) }
```

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

```
.border{ border-color:rgb(122, 178, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 178, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 178, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 178, 204);  
box-shadow:4px 4px 4px 4px rgb(122, 178,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 122, 178, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 178, 204) }
```

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

```
.background{ background-color: rgb(122,  
178, 204) }
```

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