

Converting Colors

RGB(120, 182, 207)

Have a look what the booklet for
RGB(120, 182, 207) contains.

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Color

RGB(120, 182, 207)

Conversions

Conversions Part 1

Format	Color
Hex	78B6CF
RGB	120, 182, 207
RGB Percent	47%, 71%, 81%
CMY	0.5294, 0.2863, 0.1882
CMYK	0.42, 0.12, 0.00, 0.19
HSL	197°, 48%, 64%
HSV	197°, 42%, 81%
XYZ	35.7362, 41.9540, 65.2459
YIQ	166.3120, -44.9770, -5.3690

Conversions

Conversions Part 2

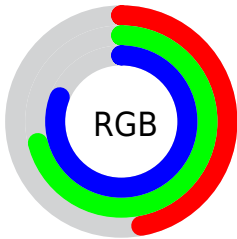
Format	Color
R_{YB}	120, 156, 207
Decimal	7911119
CIE _{Lab}	70.84, -13.43, -18.89
CIE _{LCh}	71, 23.178, 234.593
Yxy	41.9540, 0.2500, 0.2935
Android (android.graphics.Color)	4286101199 (0xFF78B6CF)
YUV	166.3120, 20.0592, -40.6156
Hunter-Lab	64.7719, -14.8682, -14.3836

Details

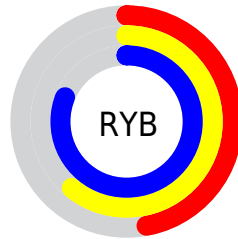
The RGB color **120, 182, 207** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **207, 145, 120**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **176, 238, 255**, and **65, 129, 153** is the 20% darker color. If you saturate the color by 10%, you get **99, 176, 207**, and if you desaturate by 10%, it is **141, 188, 207**.

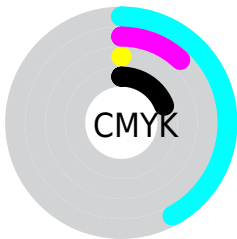
Distribution



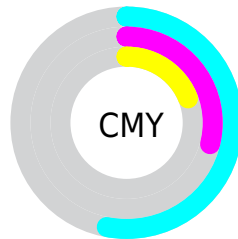
- Red (47%)
- Green (71%)
- Blue (81%)



- Red (47%)
- Yellow (61%)
- Blue (81%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)




- Cyan (53%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 182, 207 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, 182, 207 by changing the saturation by 10% instead.


 120, 182, 207


255, 255, 255


 176, 238, 255


 204, 255, 255

 233, 255, 255

 120, 182, 207

 93, 155, 179

 65, 129, 153

 35, 104, 127

 0, 80, 102

 0, 57, 78

 0, 35, 55

 0, 8, 34

 0, 0, 8

 0, 0, 0

■ 120, 182, 207

■ 120, 182, 207

■ 99, 176, 207

■ 141, 188, 207

■ 79, 170, 207

■ 161, 194, 207

■ 58, 164, 207

■ 182, 200, 207

■ 37, 158, 207

■ 203, 206, 207

■ 17, 152, 207

■ 223, 212, 207

■ 0, 148, 207

■ 244, 218, 207

■ 255, 224, 207

■ 255, 230, 207

■ 255, 236, 207

Harmonies

Analogous

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



113, 185, 190



120, 182, 207



143, 176, 215

Triad

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



120, 182, 207



213, 159, 178



171, 177, 135

Complementary

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



120, 182, 207



207, 145, 120

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.



193, 171, 132



120, 182, 207



217, 159, 157

Square

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



120, 182, 207



197, 162, 198



209, 164, 140



146, 182, 148

Rectangle

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



120, 182, 207



162, 172, 214



209, 164, 140



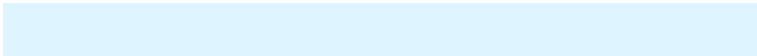
178, 175, 132

Sweetspot

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



120, 182, 207



222, 245, 255



120, 207, 145



107, 122, 128



0, 0, 0



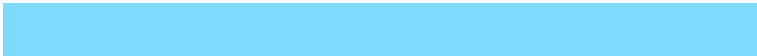
128, 128, 128

Same Dimension

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



120, 182, 207



128, 218, 255



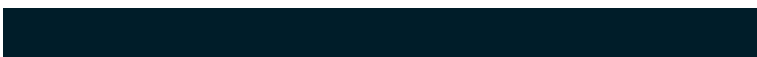
120, 139, 207



94, 102, 105



0, 120, 168



0, 29, 41

Inverse Universe

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



207, 120, 182



255, 128, 218



207, 188, 120



105, 94, 102



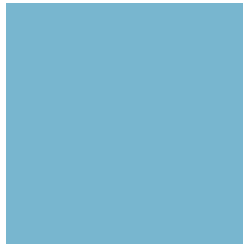
168, 0, 120



41, 0, 29

Previews

White Background



This preview shows how the RGB color 120, 182, 207 looks on a white background.

Color Contrast Check

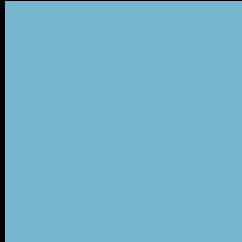
Large Text (above 18pt) WCAG AA × Fail

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, 182, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

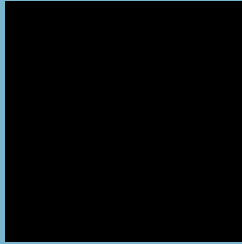
Any Text WCAG AA ✓ Pass

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, 182, 207 Background



This preview shows how black text looks on a background with the RGB color 120, 182, 207.



This preview shows how white text looks on a background with the RGB color 120, 182, 207.

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](#).

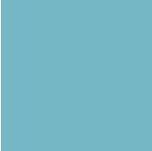
Dichromacy



Original Color
120, 182, 207

Protanopia
167, 171, 200

Deuteranopia
171, 169, 210



Tritanopia
118, 183, 198

Trichromacy



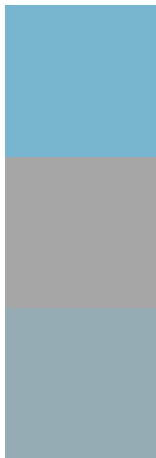
Original Color
120, 182, 207

Protanomaly
150, 175, 203

Deuteranomaly
152, 174, 209

Tritanomaly
119, 183, 201

Monochromacy



Original Color
120, 182, 207

Achromatopsia
166, 166, 166

Achromatomaly
149, 172, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 182, 207 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, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(120, 182, 207)  
}
```

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, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 182, 207) }
```

Border

The CSS property to change the border of an element to RGB 120, 182, 207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

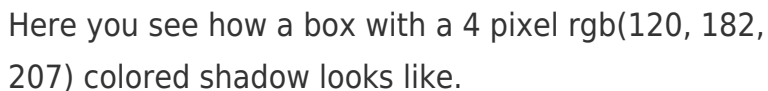
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 182, 207) }
```

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

```
.border{ border-color:rgb(120, 182, 207) }
```

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



Here you see how a box with a 4 pixel rgb(120, 182, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(120, 182,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 120, 182, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 182, 207) }
```

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

```
.background{ background-color: rgb(120,  
182, 207) }
```

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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