

Converting Colors

RGB(120, 209, 244)

Have a look what the booklet for
RGB(120, 209, 244) contains.

RGB(120, 209, 244)	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(120, 209, 244)

Conversions

Conversions Part 1

Format	Color
Hex	78D1F4
RGB	120, 209, 244
RGB Percent	47%, 82%, 96%
CMY	0.5294, 0.1804, 0.0431
CMYK	0.51, 0.14, 0.00, 0.04
HSL	197°, 85%, 71%
HSV	197°, 51%, 96%
XYZ	46.8753, 56.1257, 93.9507
YIQ	186.3790, -64.2790, -7.9830

Conversions

Conversions Part 2

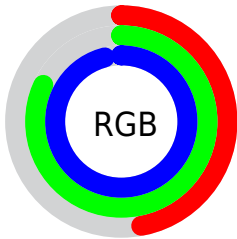
Format	Color
R _Y B	120, 172, 244
Decimal	7918068
CIE Lab	79.69, -17.40, -25.43
CIE LCh	80, 30.812, 235.620
Yxy	56.1257, 0.2380, 0.2850
Android (android.graphics.Color)	4286108148 (0xFF78D1F4)
YUV	186.3790, 28.4072, -58.2144
Hunter-Lab	74.9171, -19.4181, -21.9114

Details

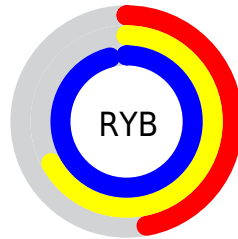
The RGB color **120, 209, 244** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **244, 155, 120**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **179, 255, 255**, and **57, 154, 188** is the 20% darker color. If you saturate the color by 10%, you get **96, 202, 244**, and if you desaturate by 10%, it is **144, 216, 244**.

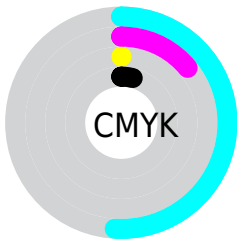
Distribution



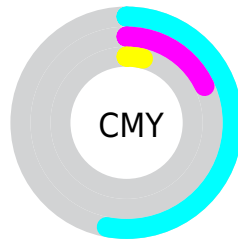
- Red (47%)
- Green (82%)
- Blue (96%)



- Red (47%)
- Yellow (67%)
- Blue (96%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)




- Cyan (53%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 209, 244 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, 209, 244 by changing the saturation by 10% instead.

 120, 209, 244


255, 255, 255


 179, 255, 255

 208, 255, 255

 238, 255, 255

 120, 209, 244

 90, 181, 216


 57, 154, 188

 7, 128, 161

 0, 103, 134

 0, 79, 109

 0, 56, 84

 0, 35, 61

 0, 3, 40

 0, 1, 17

■ 120, 209, 244

■ 120, 209, 244

■ 96, 202, 244

■ 144, 216, 244

■ 71, 195, 244

■ 169, 223, 244

■ 47, 188, 244

■ 193, 230, 244

■ 22, 181, 244

■ 218, 237, 244

■ 0, 175, 244

■ 242, 243, 244

■ 255, 250, 244

■ 255, 255, 244

Harmonies

Analogous

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



110, 213, 221



120, 209, 244



155, 201, 254

Triad

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



120, 209, 244



251, 177, 203



192, 203, 145

Complementary

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



120, 209, 244



244, 155, 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.



222, 194, 140



120, 209, 244



255, 178, 174

Square

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



120, 209, 244



230, 182, 230



245, 185, 151



159, 210, 164

Rectangle

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



120, 209, 244



183, 195, 253



245, 185, 151



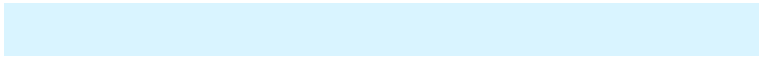
203, 200, 142

Sweetspot

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



120, 209, 244



217, 244, 255



120, 244, 153



105, 121, 128



0, 0, 0



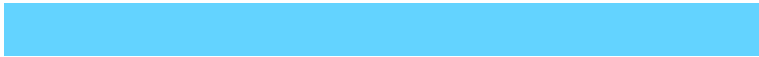
128, 128, 128

Same Dimension

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



120, 209, 244



99, 211, 255



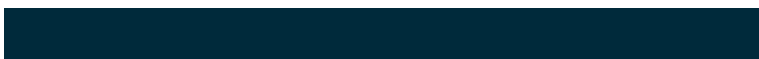
120, 149, 244



110, 119, 122



0, 134, 186



0, 42, 59

Inverse Universe

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



244, 120, 209



255, 99, 211



244, 215, 120



122, 110, 119



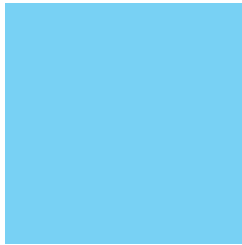
186, 0, 134



59, 0, 42

Previews

White Background



This preview shows how the RGB color 120, 209, 244 looks on a white background.

Color Contrast Check

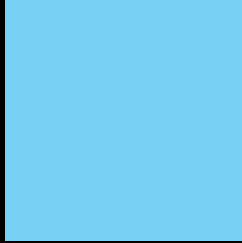
Large Text (above 18pt) WCAG AA × Fail

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, 209, 244 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, 209, 244 Background



This preview shows how black text looks on a background with the RGB color 120, 209, 244.

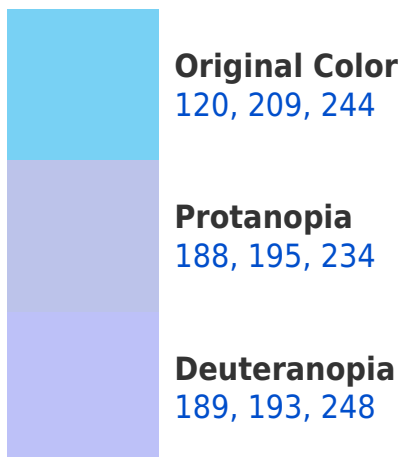


This preview shows how white text looks on a background with the RGB color 120, 209, 244.

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





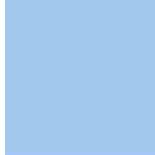
Tritanopia
115, 212, 229

Trichromacy



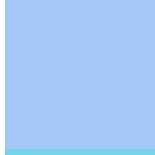
Original Color

120, 209, 244



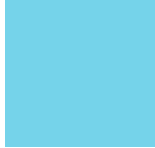
Protanomaly

163, 200, 238



Deuteranomaly

164, 199, 247



Tritanomaly

117, 211, 234

Monochromacy



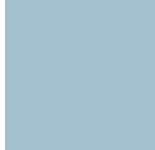
Original Color

120, 209, 244



Achromatopsia

186, 186, 186



Achromatomaly

162, 194, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 209, 244 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, 209, 244)` looks like.

```
.text, #text, p{  
    color:rgb(120, 209, 244)  
}
```

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, 209, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 209, 244) }
```

Border

The CSS property to change the border of an element to RGB 120, 209, 244 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, 209, 244) }
```

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

```
.border{ border-color:rgb(120, 209, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 209, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 209, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 209, 244); box-shadow:4px 4px 4px 4px rgb(120, 209, 244) }
```

Background

The CSS property to change the background color of an element to RGB 120, 209, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 209, 244) }
```

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

```
.background{ background-color: rgb(120,  
209, 244) }
```

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