

Converting Colors

RGB(118, 188, 223)

Have a look what the booklet for
RGB(118, 188, 223) contains.

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Color

RGB(118, 188, 223)

Conversions

Conversions Part 1

Format	Color
Hex	76BCDF
RGB	118, 188, 223
RGB Percent	46%, 74%, 87%
CMY	0.5373, 0.2627, 0.1255
CMYK	0.47, 0.16, 0.00, 0.13
HSL	200°, 62%, 67%
HSV	200°, 47%, 87%
XYZ	38.7737, 45.1457, 76.4824
YIQ	171.0600, -52.9550, -3.9550

Conversions

Conversions Part 2

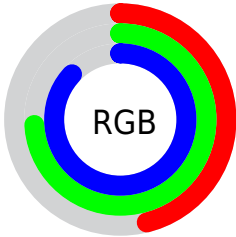
Format	Color
R _Y B	118, 160, 223
Decimal	7781599
CIE Lab	72.99, -12.74, -24.36
CIE LCh	73, 27.490, 242.386
Yxy	45.1457, 0.2417, 0.2815
Android (android.graphics.Color)	4285971679 (0xFF76BCDF)
YUV	171.0600, 25.6064, -46.5336
Hunter-Lab	67.1906, -14.5763, -20.4559

Details

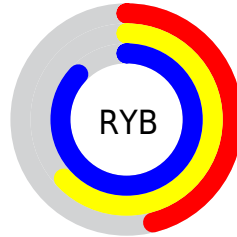
The RGB color **118, 188, 223** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **223, 153, 118**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **175, 244, 255**, and **60, 135, 168** is the 20% darker color. If you saturate the color by 10%, you get **96, 181, 223**, and if you desaturate by 10%, it is **140, 195, 223**.

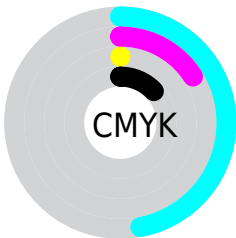
Distribution



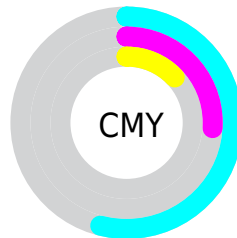
- Red (46%)
- Green (74%)
- Blue (87%)



- Red (46%)
- Yellow (63%)
- Blue (87%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 188, 223 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, 188, 223 by changing the saturation by 10% instead.

 118, 188, 223


255, 255, 255


 175, 244, 255


 204, 255, 255

 233, 255, 255

 118, 188, 223

 90, 161, 195

 60, 135, 168

 24, 109, 141

 0, 85, 116

 0, 62, 91

 0, 40, 67

 0, 20, 45

 0, 1, 24

 0, 0, 0

■ 118, 188, 223

■ 118, 188, 223

■ 96, 181, 223

■ 140, 195, 223

■ 73, 173, 223

■ 163, 203, 223

■ 51, 166, 223

■ 185, 210, 223

■ 29, 158, 223

■ 207, 218, 223

■ 6, 151, 223

■ 230, 225, 223

■ 0, 149, 223

■ 252, 233, 223

■ 255, 240, 223

■ 255, 247, 223

■ 255, 255, 223

Harmonies

Analogous

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



103, 192, 205



118, 188, 223



151, 181, 229

Triad

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



118, 188, 223



228, 161, 178



168, 186, 136

Complementary

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



118, 188, 223



223, 153, 118

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.



195, 178, 129



118, 188, 223



229, 163, 153

Square

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



118, 188, 223



213, 164, 203



217, 170, 135



139, 191, 155

Rectangle

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



118, 188, 223



174, 175, 226



217, 170, 135



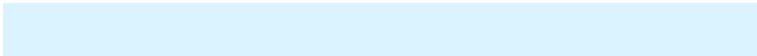
178, 183, 132

Sweetspot

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



118, 188, 223



219, 243, 255



118, 223, 153



106, 120, 128



0, 0, 0



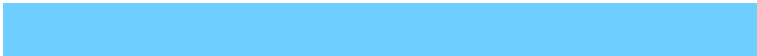
128, 128, 128

Same Dimension

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



118, 188, 223



110, 207, 255



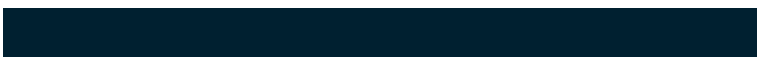
118, 137, 223



101, 108, 112



0, 117, 176



0, 32, 48

Inverse Universe

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



223, 118, 188



255, 110, 207



223, 206, 118



112, 101, 108



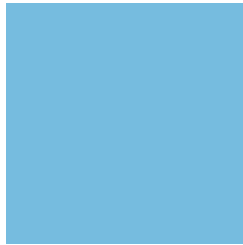
176, 0, 117



48, 0, 32

Previews

White Background



This preview shows how the RGB color 118, 188, 223 looks on a white background.

Color Contrast Check

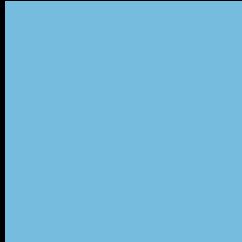
Large Text (above 18pt) WCAG AA × Fail

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, 188, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

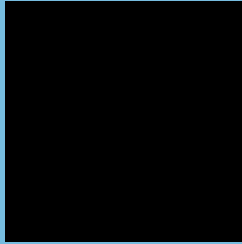
Any Text WCAG AA ✓ Pass

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, 188, 223 Background



This preview shows how black text looks on a background with the RGB color 118, 188, 223.

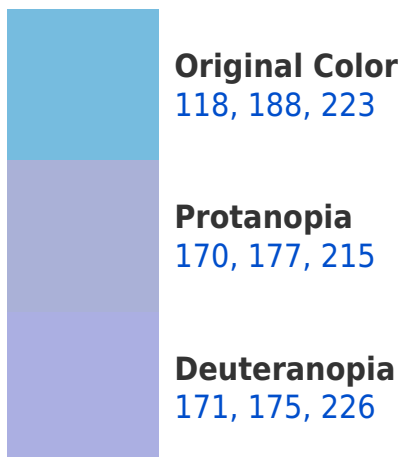


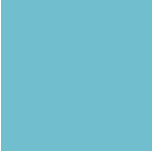
This preview shows how white text looks on a background with the RGB color 118, 188, 223.

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](#).

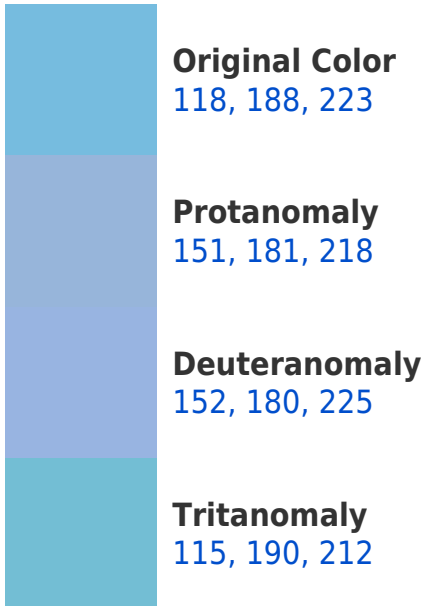
Dichromacy



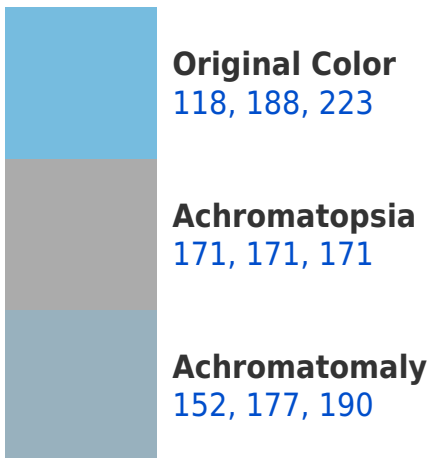


Tritanopia
113, 191, 206

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 188, 223 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, 188, 223)` looks like.

```
.text, #text, p{  
    color:rgb(118, 188, 223)  
}
```

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, 188, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 188, 223) }
```

Border

The CSS property to change the border of an element to RGB 118, 188, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

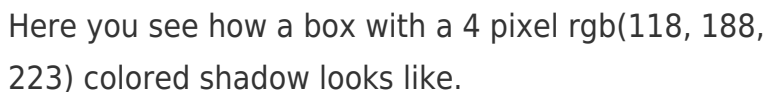
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 188, 223) }
```

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

```
.border{ border-color:rgb(118, 188, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 188, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 188, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 188, 223); box-shadow:4px 4px 4px 4px rgb(118, 188, 223) }
```

Background

The CSS property to change the background color of an element to RGB 118, 188, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 188, 223) }
```

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

```
.background{ background-color: rgb(118,  
188, 223) }
```

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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