

Converting Colors

RGB(118, 187, 223)

Have a look what the booklet for
RGB(118, 187, 223) contains.

RGB(118, 187, 223)	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(118, 187, 223)

Conversions

Conversions Part 1

Format	Color
Hex	76BBDF
RGB	118, 187, 223
RGB Percent	46%, 73%, 87%
CMY	0.5373, 0.2667, 0.1255
CMYK	0.47, 0.16, 0.00, 0.13
HSL	201°, 62%, 67%
HSV	201°, 47%, 87%
XYZ	38.5608, 44.7199, 76.4115
YIQ	170.4730, -52.6800, -3.4320

Conversions

Conversions Part 2

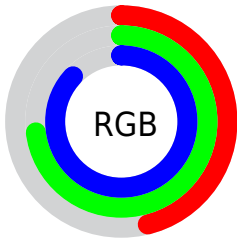
Format	Color
R _{YB}	118, 160, 223
Decimal	7781343
CIE _{Lab}	72.71, -12.21, -24.79
CIE _{LCh}	73, 27.633, 243.771
Y _{xy}	44.7199, 0.2415, 0.2800
Android (android.graphics.Color)	4285971423 (0xFF76BBDF)
YUV	170.4730, 25.8958, -46.0188
Hunter-Lab	66.8729, -14.0995, -20.9359

Details

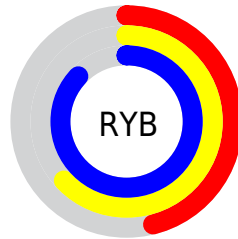
The RGB color **118, 187, 223** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **223, 154, 118**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **175, 243, 255**, and **60, 134, 168** is the 20% darker color. If you saturate the color by 10%, you get **96, 179, 223**, and if you desaturate by 10%, it is **140, 195, 223**.

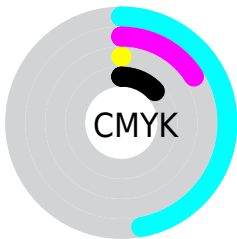
Distribution



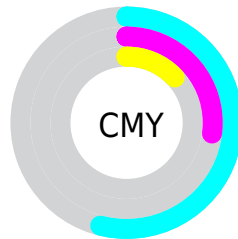
- Red (46%)
- Green (73%)
- Blue (87%)



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



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



- Cyan (54%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 187, 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, 187, 223 by changing the saturation by 10% instead.

 118, 187, 223


255, 255, 255


 175, 243, 255


 204, 255, 255

 233, 255, 255

 118, 187, 223

 90, 160, 195


 60, 134, 168

 24, 109, 141

 0, 84, 116

 0, 61, 91

 0, 39, 67


 0, 19, 45


 0, 1, 24


 0, 0, 0

 118, 187, 223


 118, 187, 223

 96, 179, 223


 140, 195, 223

 73, 172, 223

 163, 202, 223

 51, 164, 223

 185, 210, 223

 29, 156, 223

 207, 218, 223

 6, 149, 223

 230, 225, 223

 0, 147, 223

 252, 233, 223

 255, 241, 223

 255, 248, 223

 255, 255, 223

Harmonies

Analogous

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



102, 191, 206



118, 187, 223



151, 180, 228

Triad

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



118, 187, 223



228, 160, 176



166, 185, 136

Complementary

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



118, 187, 223



223, 154, 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.



194, 178, 128



118, 187, 223



228, 162, 151

Square

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



118, 187, 223



214, 163, 201



216, 169, 134



137, 190, 155

Rectangle

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



118, 187, 223



175, 174, 224



216, 169, 134



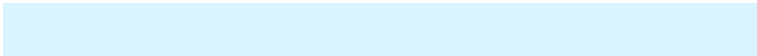
176, 183, 132

Sweetspot

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



118, 187, 223



219, 243, 255



118, 223, 153



106, 120, 128



0, 0, 0



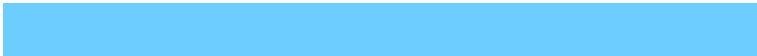
128, 128, 128

Same Dimension

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



118, 187, 223



110, 205, 255



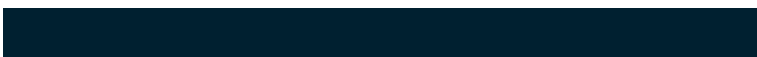
118, 136, 223



101, 108, 112



0, 116, 176



0, 32, 48

Inverse Universe

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



223, 118, 187



255, 110, 205



223, 206, 118



112, 101, 108



176, 0, 116



48, 0, 32

Previews

White Background



This preview shows how the RGB color 118, 187, 223 looks on a white background.

Color Contrast Check

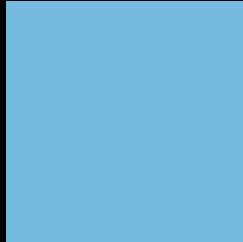
Large Text (above 18pt) WCAG AA × Fail

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, 187, 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, 187, 223 Background



This preview shows how black text looks on a background with the RGB color 118, 187, 223.

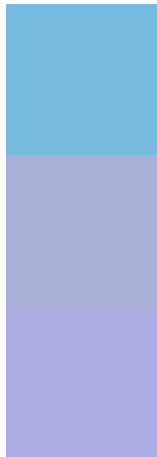


This preview shows how white text looks on a background with the RGB color 118, 187, 223.

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](#).

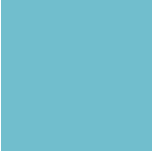
Dichromacy



Original Color
118, 187, 223

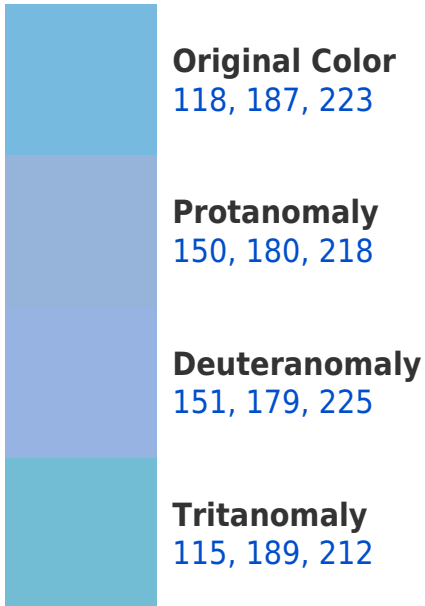
Protanopia
169, 176, 215

Deuteranopia
170, 174, 226

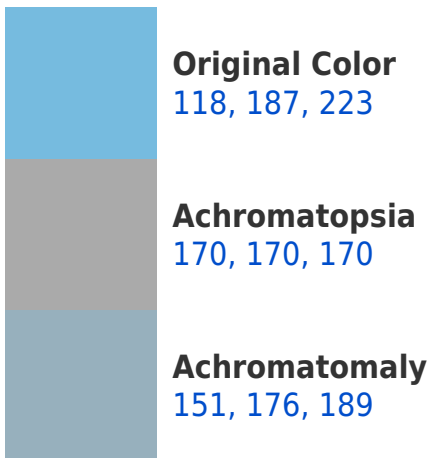


Tritanopia
113, 190, 205

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 187, 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, 187, 223)` looks like.

```
.text, #text, p{  
    color:rgb(118, 187, 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, 187, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 187, 223) }
```

Border

The CSS property to change the border of an element to RGB 118, 187, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

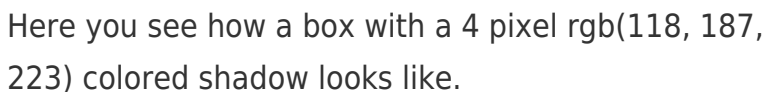
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 187, 223) }
```

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

```
.border{ border-color:rgb(118, 187, 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, 187, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 187, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 187, 223);  
box-shadow:4px 4px 4px 4px rgb(118, 187,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 118, 187, 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, 187, 223) }
```

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

```
.background{ background-color: rgb(118,  
187, 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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