

Converting Colors

RGB(116, 178, 208)

Have a look what the booklet for
RGB(116, 178, 208) contains.

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Color

RGB(116, 178, 208)

Conversions

Conversions Part 1

Format	Color
Hex	74B2D0
RGB	116, 178, 208
RGB Percent	45%, 70%, 82%
CMY	0.5451, 0.3020, 0.1843
CMYK	0.44, 0.14, 0.00, 0.18
HSL	200°, 49%, 64%
HSV	200°, 44%, 82%
XYZ	34.5080, 40.1079, 65.5973
YIQ	162.8820, -46.5820, -3.8140

Conversions

Conversions Part 2

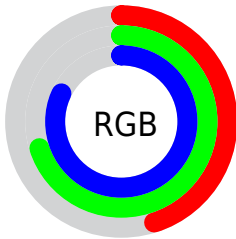
Format	Color
R _{YB}	116, 153, 208
Decimal	7647952
CIE _{Lab}	69.55, -12.04, -21.42
CIE _{LCh}	70, 24.574, 240.666
Y _{xy}	40.1079, 0.2461, 0.2860
Android (android.graphics.Color)	4285838032 (0xFF74B2D0)
YUV	162.8820, 22.2432, -41.1155
Hunter-Lab	63.3308, -13.5668, -17.0804

Details

The RGB color **116, 178, 208** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **208, 146, 116**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **172, 234, 255**, and **60, 125, 154** is the 20% darker color. If you saturate the color by 10%, you get **95, 171, 208**, and if you desaturate by 10%, it is **137, 185, 208**.

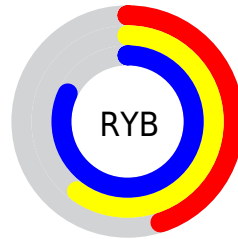
Distribution



Red (45%)

Green (70%)

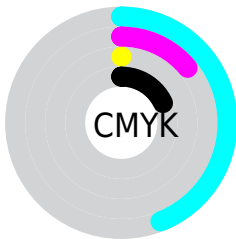
Blue (82%)



Red (45%)

Yellow (60%)

Blue (82%)

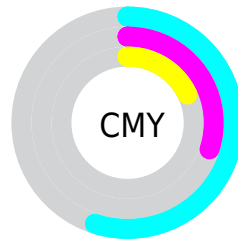


Cyan (44%)

Magenta (14%)

Yellow (0%)

Black (18%)



Cyan (55%)

Magenta (30%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 178, 208 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 116, 178, 208 by changing the saturation by 10% instead.

 116, 178, 208


255, 255, 255


 172, 234, 255

 200, 255, 255

 230, 255, 255

 116, 178, 208

 88, 151, 180

 60, 125, 154

 28, 100, 128

 0, 76, 102

 0, 54, 78

 0, 32, 55

 0, 2, 34

 0, 0, 8

 0, 0, 0

■ 116, 178, 208

■ 116, 178, 208

■ 95, 171, 208

■ 137, 185, 208

■ 74, 164, 208

■ 158, 192, 208

■ 54, 158, 208

■ 178, 198, 208

■ 33, 151, 208

■ 199, 205, 208

■ 12, 144, 208

■ 220, 212, 208

■ 0, 140, 208

■ 241, 219, 208

■ 255, 225, 208

■ 255, 232, 208

■ 255, 239, 208

Harmonies

Analogous

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



105, 182, 192



116, 178, 208



143, 172, 214

Triad

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



116, 178, 208



213, 154, 170



162, 175, 131

Complementary

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



116, 178, 208



208, 146, 116

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, 125



116, 178, 208



215, 155, 148

Square

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



116, 178, 208



199, 157, 192



205, 161, 132



136, 180, 147

Rectangle

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



116, 178, 208



164, 167, 211



205, 161, 132



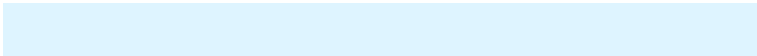
170, 173, 128

Sweetspot

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



116, 178, 208



222, 244, 255



116, 208, 145



107, 121, 128



0, 0, 0



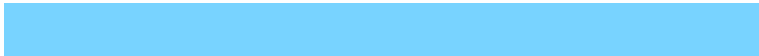
128, 128, 128

Same Dimension

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



116, 178, 208



120, 211, 255



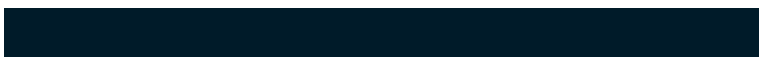
116, 133, 208



94, 101, 105



0, 113, 168



0, 27, 41

Inverse Universe

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



208, 116, 178



255, 120, 211



208, 191, 116



105, 94, 101



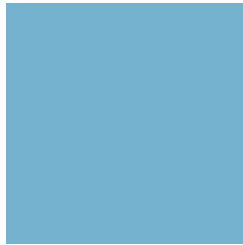
168, 0, 113



41, 0, 27

Previews

White Background



This preview shows how the RGB color 116, 178, 208 looks on a white background.

Color Contrast Check

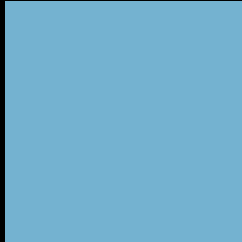
Large Text (above 18pt) WCAG AA × Fail

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 116, 178, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

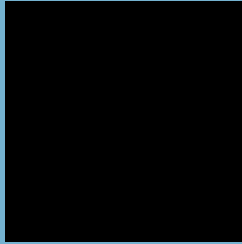
Any Text WCAG AA ✓ Pass

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 116, 178, 208 Background



This preview shows how black text looks on a background with the RGB color 116, 178, 208.



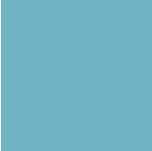
This preview shows how white text looks on a background with the RGB color 116, 178, 208.

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](#).

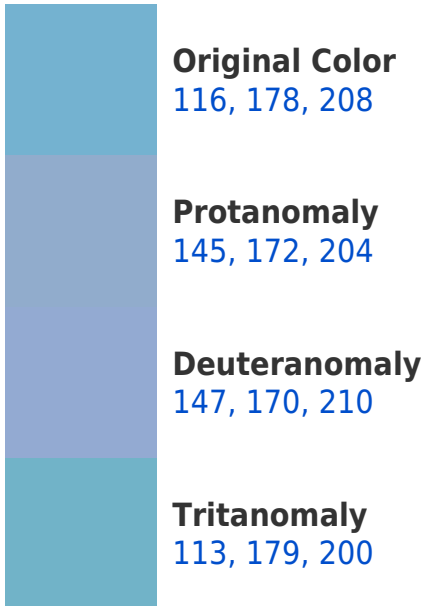
Dichromacy



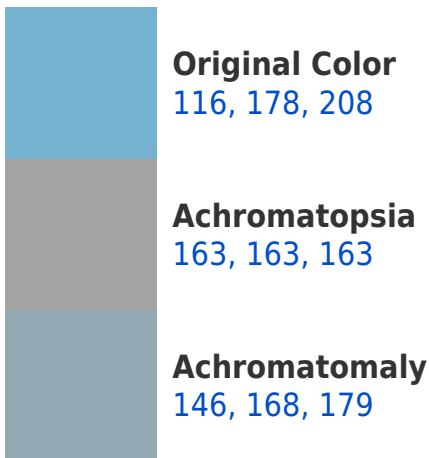


Tritanopia
112, 180, 195

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 178, 208 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(116, 178, 208)` looks like.

```
.text, #text, p{  
    color:rgb(116, 178, 208)  
}
```

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(116, 178, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 178, 208) }
```

Border

The CSS property to change the border of an element to RGB 116, 178, 208 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(116, 178, 208) }
```

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

```
.border{ border-color:rgb(116, 178, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 178, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 178, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 178, 208);  
box-shadow:4px 4px 4px 4px rgb(116, 178,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 116, 178, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 178, 208) }
```

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

```
.background{ background-color: rgb(116,  
178, 208) }
```

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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