

Converting Colors

Hex(118CCC)

Have a look what the booklet for
Hex(118CCC) contains.

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Color

Hex(118CCC)

Conversions

Conversions Part 1

Format	Color
Hex	118CCC
RGB	17, 140, 204
RGB Percent	7%, 55%, 80%
CMY	0.9333, 0.4510, 0.2000
CMYK	0.92, 0.31, 0.00, 0.20
HSL	201°, 85%, 43%
HSV	201°, 92%, 80%
XYZ	20.5083, 23.2350, 60.5306
YIQ	110.5190, -93.8520, -6.1720

Conversions

Conversions Part 2

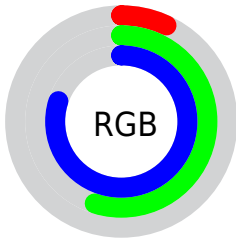
Format	Color
R _Y B	17, 91, 204
Decimal	1150156
CIE Lab	55.31, -7.49, -41.50
CIE LCh	55, 42.167, 259.765
Yxy	23.2350, 0.1967, 0.2228
Android (android.graphics.Color)	4279340236 (0xFF118CCC)
YUV	110.5190, 46.0861, -82.0162
Hunter-Lab	48.2027, -8.4100, -40.7117

Details

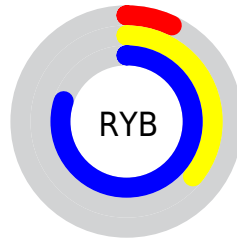
The Hex color **118CCC** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CC5111**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **66C1FF**, and **005A95** is the 20% darker color. If you saturate the color by 10%, you get **0086CC**, and if you desaturate by 10%, it is **2593CC**.

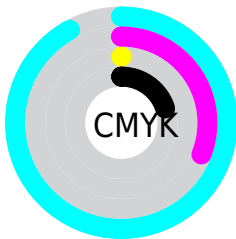
Distribution



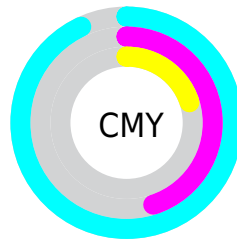
- Red (7%)
- Green (55%)
- Blue (80%)



- Red (7%)
- Yellow (36%)
- Blue (80%)



- Cyan (92%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)



- Cyan (93%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 118CCC 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 Hex color 118CCC by changing the saturation by 10% instead.

 118CCC

 118CCC

FFFFFF

 0073B0

 66C1FF

 005A95

 86DDFF

 00437B

 A5FAFF

 002D62

 C3FFFF

 001A4A

 E2FFFF

 000433

 00021D

 000000

 118CCC

 118CCC

0086CC

2593CC

3A9ACC

4EA1CC

63A8CC

77AFCC

8BB6CC

A0BDCC

B4C4CC

C9CBCC

Harmonies

Analogous

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



0094BB



118CCC



7380C9

Triad

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



118CCC



C9676E



589254

Complementary

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



118CCC



CC5111

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.



828A3D



118CCC



BE714E

Square

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



118CCC



C26793



A57E3B



059676

Rectangle

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



118CCC



9776BD



A57E3B



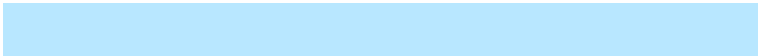
67904A

Sweetspot

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



118CCC



B8E7FF



11CC4F



547180



000000



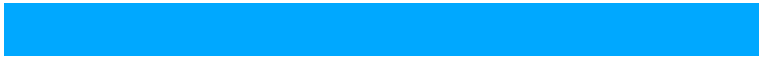
808080

Same Dimension

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



118CCC



00A8FF



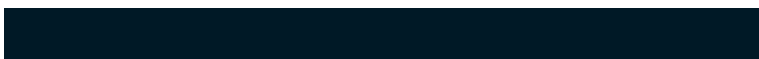
1130CC



5C6366



006DA6



001926

Inverse Universe

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



CC118C



FF00A8



CCAD11



665C63



A6006D



260019

Previews

White Background



This preview shows how the Hex color 118CCC looks on a white background.

Color Contrast Check

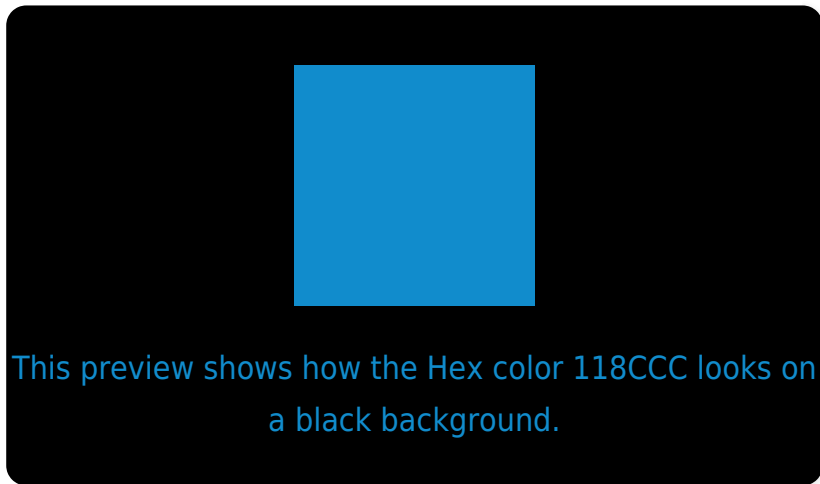
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 118CCC Background



This preview shows how black text looks on a background with the Hex color 118CCC.

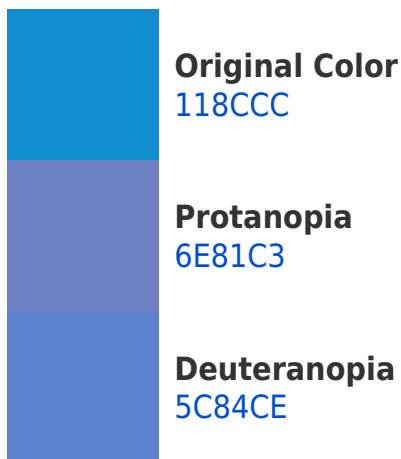


This preview shows how white text looks on a background with the Hex color 118CCC.

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](#).

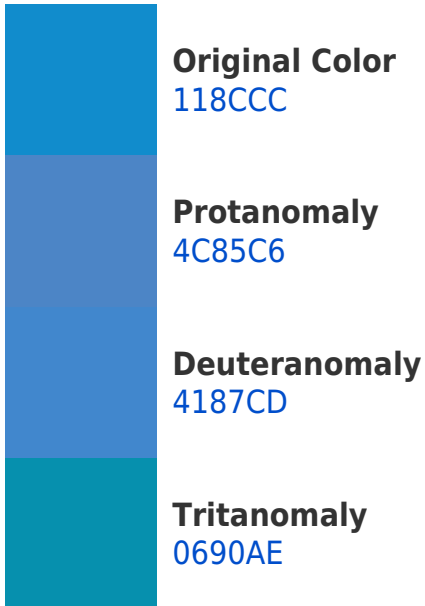
Dichromacy



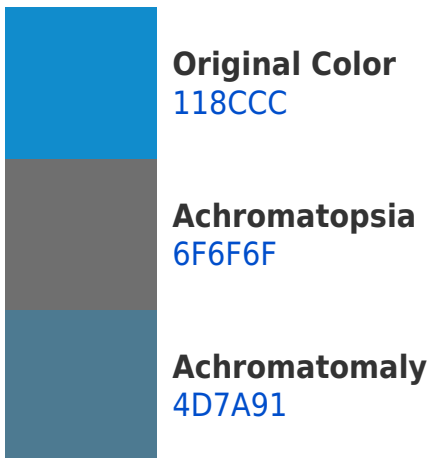


Tritanopia
00929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 118CCC 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 #118CCC looks like.

```
.text, #text, p{  
    color:#118CCC  
}
```

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 #118CCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118CCC
}
```

Border

The CSS property to change the border of an element to Hex 118CCC 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
#118CCC }
```

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

```
.border{ border-color:#118CCC }
```

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

Here you see how a box with a 4 pixel #118CCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118CCC; -webkit-box-shadow:4px 4px  
4px 4px #118CCC; box-shadow:4px 4px 4px  
4px #118CCC }
```

Background

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

```
.background, #background, body{  
background:#118CCC }
```

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

```
.background{ background-color:#118CCC }
```

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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