

# Converting Colors

Hex(117FCC)

Have a look what the booklet for  
Hex(117FCC) contains.

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# Color

Hex(117FCC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	117FCC
RGB	17, 127, 204
RGB Percent	7%, 50%, 80%
CMY	0.9333, 0.5020, 0.2000
CMYK	0.92, 0.38, 0.00, 0.20
HSL	205°, 85%, 43%
HSV	205°, 92%, 80%
XYZ	18.7196, 19.6575, 59.9344
YIQ	102.8880, -90.2770, 0.6270

# Conversions

## Conversions Part 2

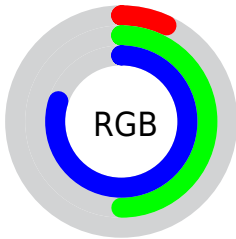
Format	Color
<b>RYB</b>	17, 86, 204
Decimal	1146828
CIELab	51.45, 0.19, -47.62
CIELCh	51, 47.620, 270.223
Yxy	19.6575, 0.1904, 0.2000
Android (android.graphics.Color)	4279336908 (0xFF117FCC)
YUV	102.8880, 49.8482, -75.3238
Hunter-Lab	44.3368, -2.2243, -49.1123

# Details

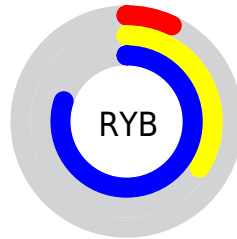
The Hex color **117FCC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CC5E11**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **66B3FF**, and **004F95** is the 20% darker color. If you saturate the color by 10%, you get **0078CC**, and if you desaturate by 10%, it is **2587CC**.

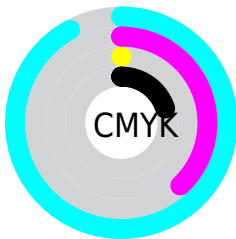
# Distribution



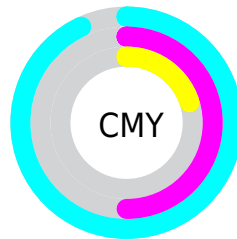
- Red (7%)
- Green (50%)
- Blue (80%)



- Red (7%)
- Yellow (34%)
- Blue (80%)



- Cyan (92%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (93%)
- Magenta (50%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 117FCC 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 117FCC by changing the saturation by 10% instead.



■ 117FCC

■ 117FCC

FFFFFF

■ 0066B0

■ 66B3FF

■ 004F95

■ 86CFFF

■ 00387B

■ A4EBFF

■ 002462

■ C3FFFF

■ 000D49

■ E1FFFF

■ 000432

■ 00021C

■ 000000

■ 117FCC

■ 117FCC

■ 0078CC

■ 2587CC

■ 3A90CC

■ 4E98CC

■ 63A1CC

■ 77A9CC

■ 8BB1CC

■ A0BACC

■ B4C2CC

■ C9CBCC

# Harmonies

## Analogous

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



0089C1



117FCC



7C70C1

# Triad

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



117FCC



C35B54



2D8B50

# Complementary

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



117FCC



CC5E11

# 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.



67842F



117FCC



B06933

# Square

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



117FCC



C3567C



907923



008E7A

# Rectangle

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



117FCC



9F64AF



907923



458944

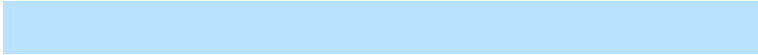


# Sweetspot

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



117FCC



B8E2FF



11CC5C



546E80



000000



808080



# Same Dimension

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



117FCC



0096FF



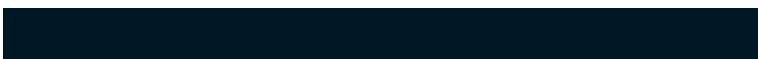
1124CC



5C6266



0062A6



001726



# Inverse Universe

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



CC117F



FF0096



CCB911



665C62



A60061



260016



# Previews

## White Background



This preview shows how the Hex color 117FCC looks on a white background.

## Color Contrast Check

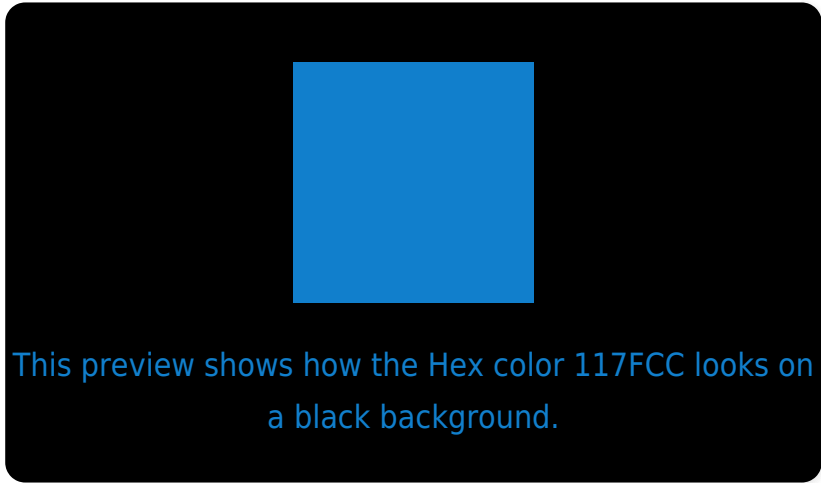
Large Text (above 18pt) WCAG AA ✓ Pass

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

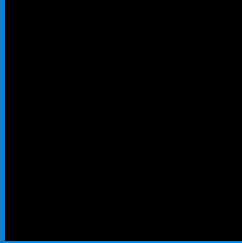
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 117FCC Background



This preview shows how black text looks on a background with the Hex color 117FCC.

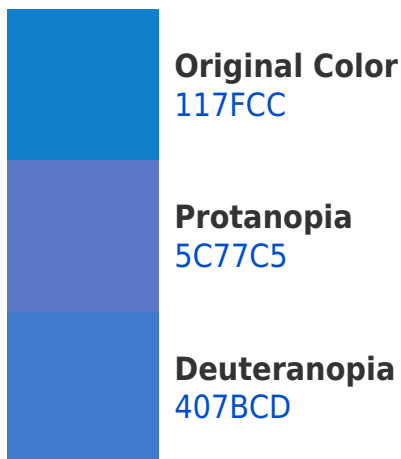


This preview shows how white text looks on a background with the Hex color 117FCC.

# 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](#).

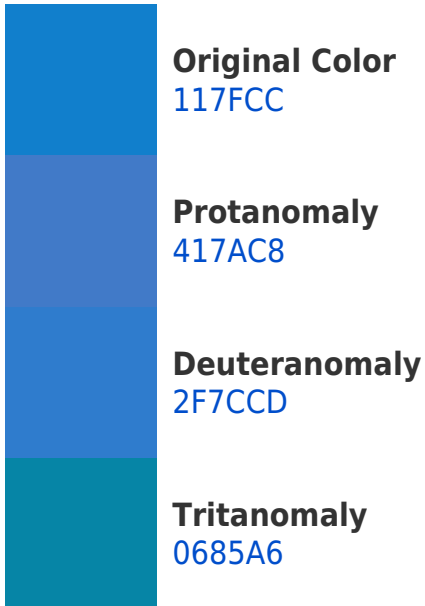
## Dichromacy



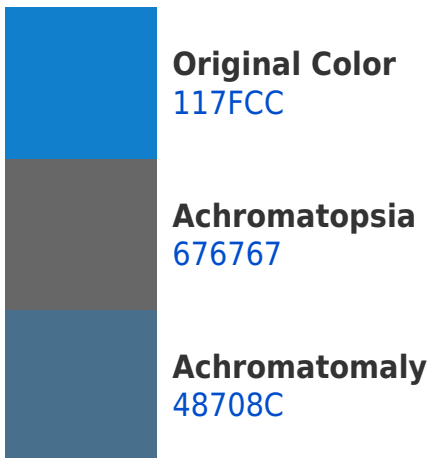


**Tritanopia**  
008891

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 117FCC 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 #117FCC looks like.

```
.text, #text, p{  
    color:#117FCC  
}
```

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 #117FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117FCC  
}
```

## Border

The CSS property to change the border of an element to Hex 117FCC 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  
#117FCC }
```

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

```
.border{ border-color:#117FCC }
```

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

Here you see how a box with a 4 pixel #117FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117FCC; -webkit-box-shadow:4px 4px  
4px 4px #117FCC; box-shadow:4px 4px 4px  
4px #117FCC }
```

# Background

The CSS property to change the background color of an element to Hex 117FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117FCC }
```

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

```
.background{ background-color:#117FCC }
```

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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