

# Converting Colors

Hex(117FB2)

Have a look what the booklet for  
Hex(117FB2) contains.

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# Color

Hex(117FB2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	117FB2
RGB	17, 127, 178
RGB Percent	7%, 50%, 70%
CMY	0.9333, 0.5020, 0.3020
CMYK	0.90, 0.29, 0.00, 0.30
HSL	199°, 83%, 38%
HSV	199°, 90%, 70%
XYZ	15.8564, 18.5123, 44.8570
YIQ	99.9240, -81.9310, -7.4590

# Conversions

## Conversions Part 2

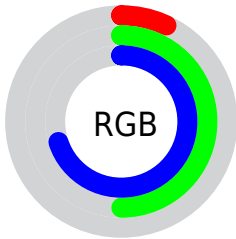
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 82, 178
Decimal	1146802
CIE <sub>Lab</sub>	50.11, -9.72, -34.83
CIE <sub>LCh</sub>	50, 36.161, 254.416
Yxy	18.5123, 0.2001, 0.2337
Android (android.graphics.Color)	4279336882 (0xFF117FB2)
YUV	99.9240, 38.4915, -72.7243
Hunter-Lab	43.0259, -9.5123, -31.6951

# Details

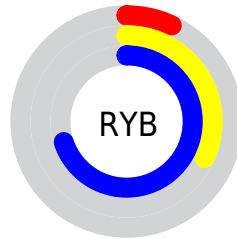
The Hex color **117FB2** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B24411**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **60B4EA**, and **004E7D** is the 20% darker color. If you saturate the color by 10%, you get **007AB2**, and if you desaturate by 10%, it is **2385B2**.

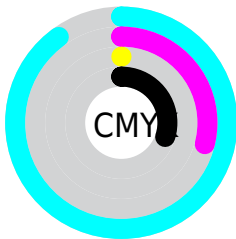
# Distribution



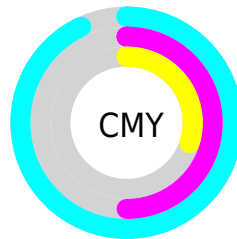
- Red (7%)
- Green (50%)
- Blue (70%)



- Red (7%)
- Yellow (32%)
- Blue (70%)



- Cyan (90%)
- Magenta (29%)
- Yellow (0%)
- Black (30%)



- Cyan (93%)
- Magenta (50%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 117FB2 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 117FB2 by changing the saturation by 10% instead.



■ 117FB2

■ 117FB2

FFFFFF

■ 006697

■ 60B4EA

■ 004E7D

■ 7ECFFF

■ 003764

■ 9CEBFF

■ 00224C

■ BAFFFF

■ 000535

■ D8FFFF

■ 00021F

■ F6FFFF

■ 000001

■ 000000

■ 117FB2

■ 117FB2

■ 007AB2

■ 2385B2

■ 358AB2

■ 4690B2

■ 5896B2

■ 6A9BB2

■ 7CA1B2

■ 8EA6B2

■ 9FACB2

■ B1B2B2

# Harmonies

## Analogous

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



0085A1



117FB2



6075B3

# Triad

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



117FB2



B25E69



59824A

# Complementary

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



117FB2



B24411

# 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.



7C7A3A



117FB2



AB654E

# Square

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



117FB2



A86089



98703B



2B8666

# Rectangle

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



117FB2



806DAA



98703B



658043



# Sweetspot

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



117FB2



A9D4E8



11B244



506975



F5F5F5



757575



# Same Dimension

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



117FB2



009FE8



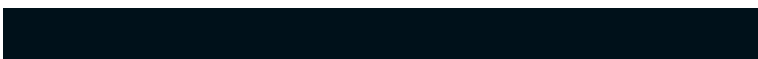
112FB2



505659



006999



00111A



# Inverse Universe

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



B2117F



E8009F



B29411



595056



990069



1A0011



# Previews

## White Background



This preview shows how the Hex color 117FB2 looks on a white background.

## Color Contrast Check

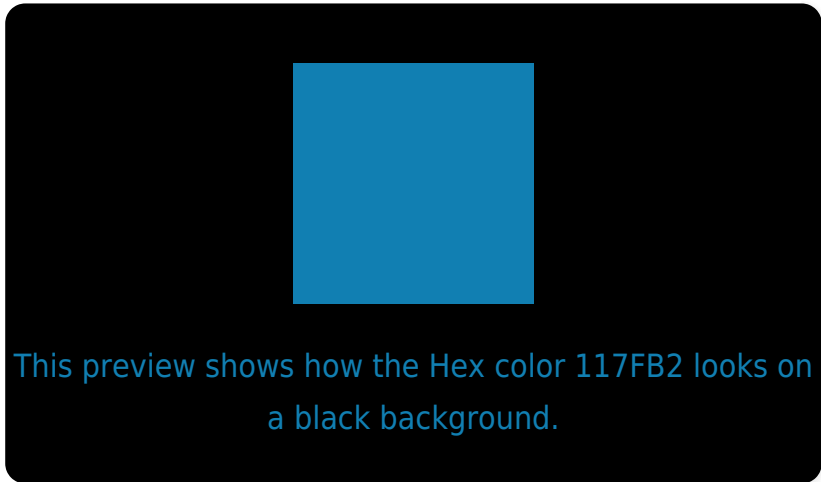
Large Text (above 18pt) WCAG AA ✓ Pass

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

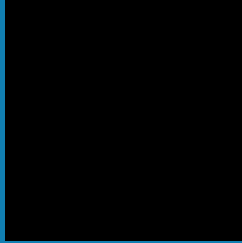
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 117FB2 Background



This preview shows how black text looks on a background with the Hex color 117FB2.

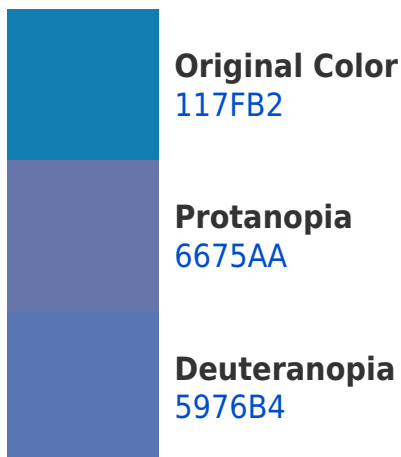


This preview shows how white text looks on a background with the Hex color 117FB2.

# 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](#).

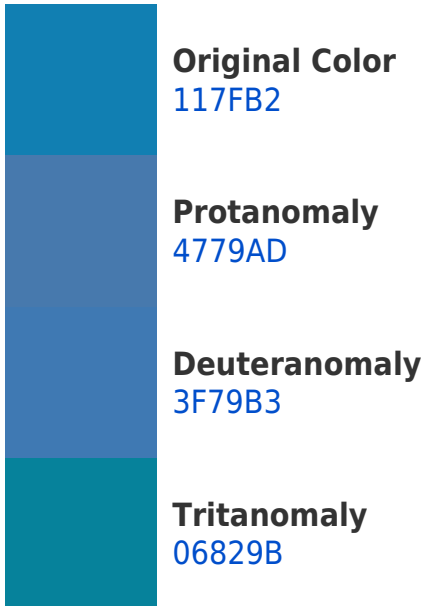
## Dichromacy





**Tritanopia**  
00848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 117FB2 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 #117FB2 looks like.

```
.text, #text, p{  
    color:#117FB2  
}
```

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 #117FB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117FB2
}
```

## Border

The CSS property to change the border of an element to Hex 117FB2 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
#117FB2 }
```

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

```
.border{ border-color:#117FB2 }
```

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

Here you see how a box with a 4 pixel #117FB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117FB2; -webkit-box-shadow:4px 4px  
4px 4px #117FB2; box-shadow:4px 4px 4px  
4px #117FB2 }
```

# Background

The CSS property to change the background color of an element to Hex 117FB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117FB2 }
```

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

```
.background{ background-color:#117FB2 }
```

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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