

Converting Colors

Hex(118FB7)

Have a look what the booklet for
Hex(118FB7) contains.

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Color

Hex(118FB7)

Conversions

Conversions Part 1

Format	Color
Hex	118FB7
RGB	17, 143, 183
RGB Percent	7%, 56%, 72%
CMY	0.9333, 0.4392, 0.2824
CMYK	0.91, 0.22, 0.00, 0.28
HSL	194°, 83%, 39%
HSV	194°, 91%, 72%
XYZ	18.6009, 23.1830, 48.2941
YIQ	109.8860, -87.9360, -14.2720

Conversions

Conversions Part 2

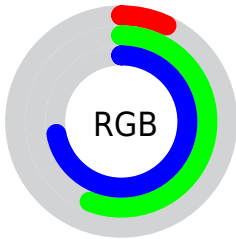
Format	Color
R_{YB}	17, 89, 183
Decimal	1150903
CIE _{Lab}	55.26, -16.86, -29.66
CIE _{LCh}	55, 34.122, 240.380
Yxy	23.1830, 0.2065, 0.2574
Android (android.graphics.Color)	4279340983 (0xFF118FB7)
YUV	109.8860, 36.0452, -81.4610
Hunter-Lab	48.1487, -15.3019, -25.7650

Details

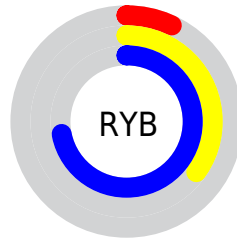
The Hex color **118FB7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B73911**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **62C5EF**, and **005D82** is the 20% darker color. If you saturate the color by 10%, you get **008BB7**, and if you desaturate by 10%, it is **2393B7**.

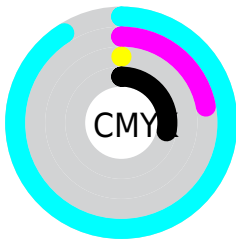
Distribution



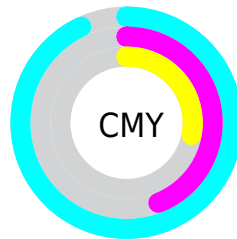
- Red (7%)
- Green (56%)
- Blue (72%)



- Red (7%)
- Yellow (35%)
- Blue (72%)



- Cyan (91%)
- Magenta (22%)
- Yellow (0%)
- Black (28%)



- Cyan (93%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 118FB7 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 118FB7 by changing the saturation by 10% instead.

■ 118FB7

■ 118FB7

FFFFFF

■ 00759C

■ 62C5EF

■ 005D82

■ 81E1FF

■ 004569

■ 9FFEFF

■ 002F50

■ BDFFFF

■ 001B39

■ DBFFFF

■ 000223

■ FAFFFF

■ 00000A

■ 000000

■ 118FB7

■ 118FB7

008BB7

2393B7

3698B7

489CB7

5AA1B7

6DA5B7

7FA9B7

91AEB7

A3B2B7

B6B7B7

Harmonies

Analogous

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



0093A1



118FB7



5887BF

Triad

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



118FB7



BB6D85



788B50

Complementary

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



118FB7



B73911

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.



978348



118FB7



BC7068

Square

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



118FB7



AA72A2



AF7852



549166

Rectangle

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



118FB7



7980BC



AF7852



83894C

Sweetspot

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



118FB7



ADDEED



11B738



516F78



F7F7F7



787878

Same Dimension

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



118FB7



00B4ED



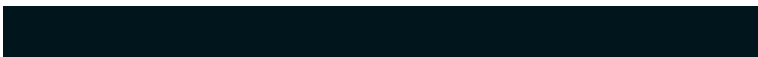
113DB7



535A5C



00769C



00151C

Inverse Universe

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



B7118F



ED00B4



B78B11



5C535A



9C0076



1C0015

Previews

White Background



This preview shows how the Hex color 118FB7 looks on a white background.

Color Contrast Check

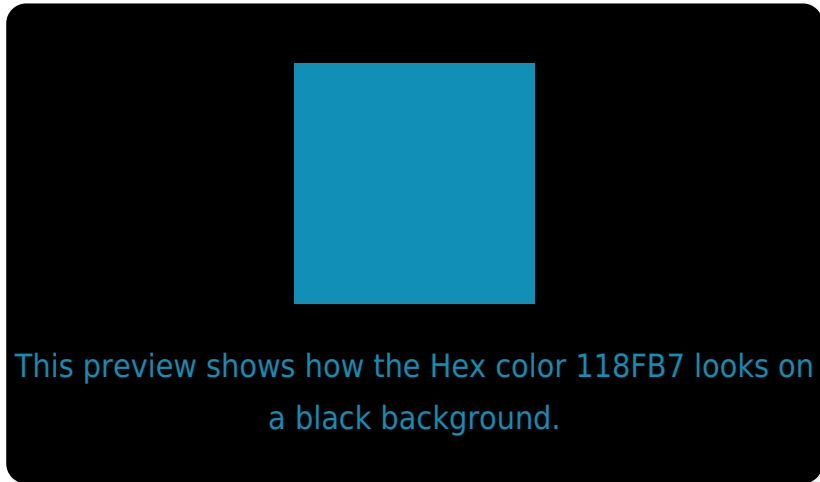
Large Text (above 18pt) WCAG AA ✓ Pass

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

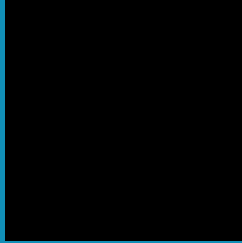
Any Text WCAG AA ✓ Pass

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 118FB7 Background



This preview shows how black text looks on a background with the Hex color 118FB7.

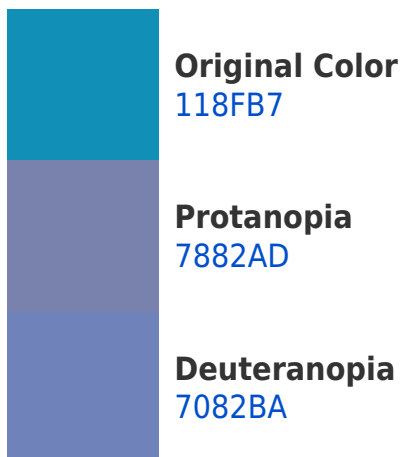


This preview shows how white text looks on a background with the Hex color 118FB7.

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](#).

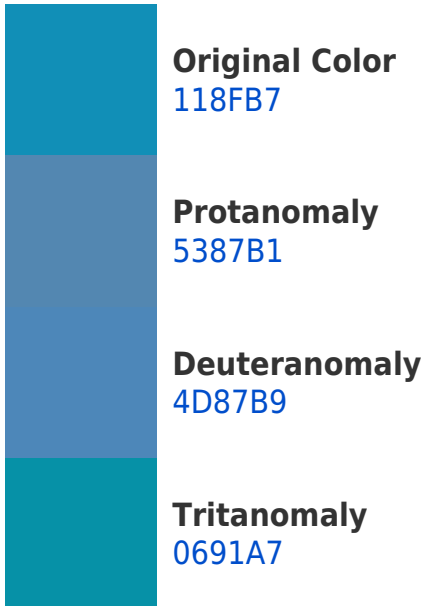
Dichromacy



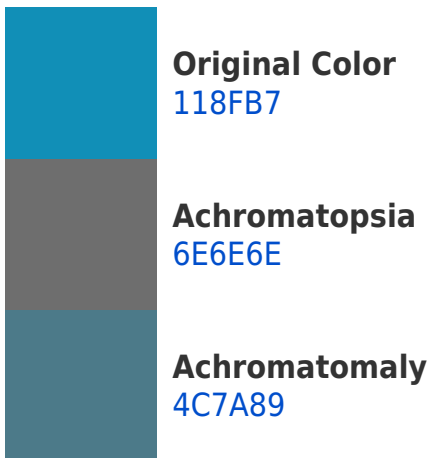


Tritanopia
00929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 118FB7 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 #118FB7 looks like.

```
.text, #text, p{  
    color:#118FB7  
}
```

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 #118FB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118FB7  
}
```

Border

The CSS property to change the border of an element to Hex 118FB7 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  
#118FB7 }
```

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

```
.border{ border-color:#118FB7 }
```

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

Here you see how a box with a 4 pixel #118FB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118FB7; -webkit-box-shadow:4px 4px  
4px 4px #118FB7; box-shadow:4px 4px 4px  
4px #118FB7 }
```

Background

The CSS property to change the background color of an element to Hex 118FB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#118FB7 }
```

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

```
.background{ background-color:#118FB7 }
```

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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