

Converting Colors

Hex(117FD1)

Have a look what the booklet for
Hex(117FD1) contains.

Hex(117FD1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(117FD1)

Conversions

Conversions Part 1

Format	Color
Hex	117FD1
RGB	17, 127, 209
RGB Percent	7%, 50%, 82%
CMY	0.9333, 0.5020, 0.1804
CMYK	0.92, 0.39, 0.00, 0.18
HSL	206°, 85%, 44%
HSV	206°, 92%, 82%
XYZ	19.3292, 19.9014, 63.1442
YIQ	103.4580, -91.8820, 2.1820

Conversions

Conversions Part 2

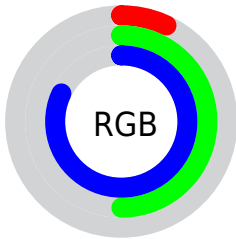
Format	Color
R_{YB}	17, 87, 209
Decimal	1146833
CIE _{Lab}	51.73, 2.11, -50.02
CIE _{LCh}	52, 50.060, 272.418
Yxy	19.9014, 0.1888, 0.1944
Android (android.graphics.Color)	4279336913 (0xFF117FD1)
YUV	103.4580, 52.0322, -75.8237
Hunter-Lab	44.6109, -0.7281, -52.6939

Details

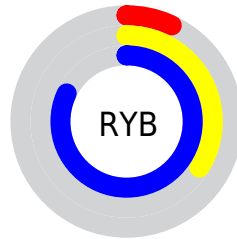
The Hex color **117FD1** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D16311**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **67B3FF**, and **004F9A** is the 20% darker color. If you saturate the color by 10%, you get **0078D1**, and if you desaturate by 10%, it is **2688D1**.

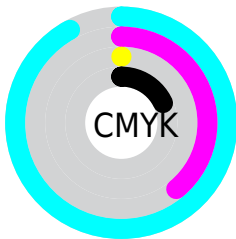
Distribution



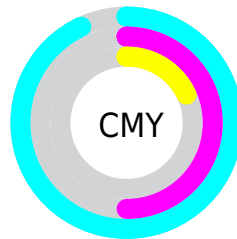
- Red (7%)
- Green (50%)
- Blue (82%)



- Red (7%)
- Yellow (34%)
- Blue (82%)



- Cyan (92%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)



- Cyan (93%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 117FD1 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 117FD1 by changing the saturation by 10% instead.

■ 117FD1

■ 117FD1

FFFFFF

■ 0066B5

■ 67B3FF

■ 004F9A

■ 87CFFF

■ 00387F

■ A6EBFF

■ 002466

■ C4FFFF

■ 000E4D

■ E3FFFF

■ 000536

■ 000220

■ 000003

■ 000000

■ 117FD1

■ 117FD1

■ 0078D1

■ 2688D1

■ 3B91D1

■ 509AD1

■ 65A3D1

■ 7AACD1

■ 8EB5D1

■ A3BDD1

■ B8C6D1

■ CDCFD1

Harmonies

Analogous

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



008AC7



117FD1



816EC4

Triad

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



117FD1



C65A50



1D8D52

Complementary

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



117FD1



D16311

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.



63862E



117FD1



B16A2E

Square

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



117FD1



C8537A



8F7A1D



00907E

Rectangle

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



117FD1



A562B0



8F7A1D



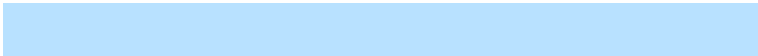
3D8B44

Sweetspot

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



117FD1



B8E1FF



11D161



546D80



000000



808080

Same Dimension

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



117FD1



0092FF



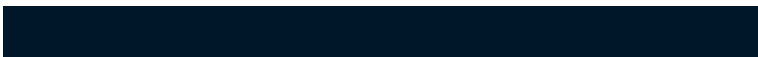
1121D1



5E6469



0060A8



001729

Inverse Universe

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



D1117F



FF0092



D1C111



695E64



A80060



290017

Previews

White Background



This preview shows how the Hex color 117FD1 looks on a white background.

Color Contrast Check

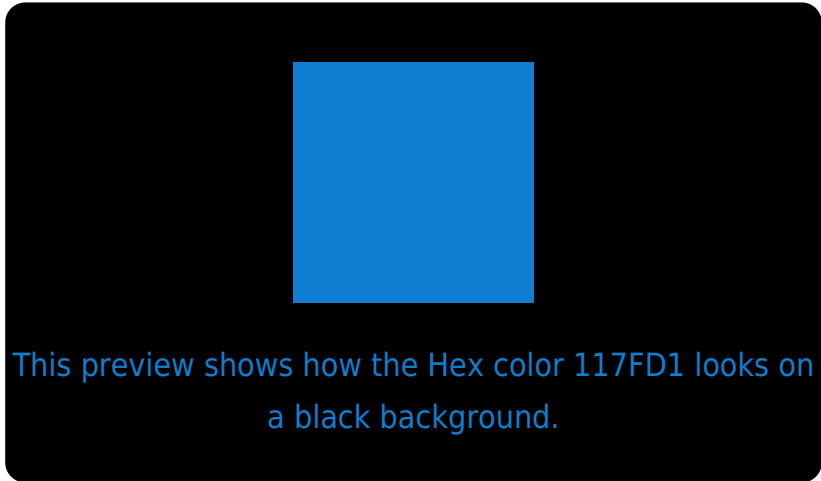
Large Text (above 18pt) WCAG AA ✓ Pass

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

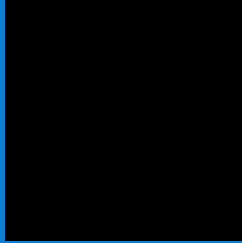
Any Text WCAG AA ✓ Pass

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 117FD1 Background



This preview shows how black text looks on a background with the Hex color 117FD1.

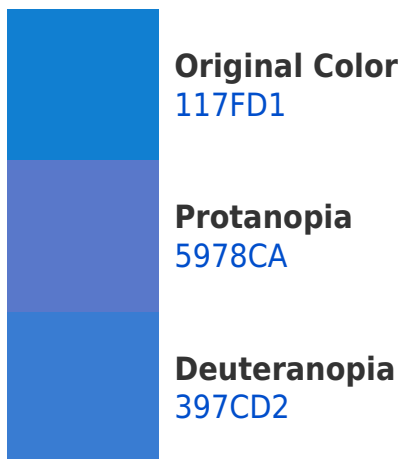


This preview shows how white text looks on a background with the Hex color 117FD1.

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
008892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 117FD1 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 #117FD1 looks like.

```
.text, #text, p{  
    color:#117FD1  
}
```

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 #117FD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117FD1
}
```

Border

The CSS property to change the border of an element to Hex 117FD1 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
#117FD1 }
```

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

```
.border{ border-color:#117FD1 }
```

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

Here you see how a box with a 4 pixel #117FD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117FD1; -webkit-box-shadow:4px 4px  
4px 4px #117FD1; box-shadow:4px 4px 4px  
4px #117FD1 }
```

Background

The CSS property to change the background color of an element to Hex 117FD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117FD1 }
```

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

```
.background{ background-color:#117FD1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor