

Converting Colors

Hex(0117F1)

Have a look what the booklet for
Hex(0117F1) contains.

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Color

Hex(0117F1)

Conversions

Conversions Part 1

Format	Color
Hex	0117F1
RGB	1, 23, 241
RGB Percent	0%, 9%, 95%
CMY	0.9961, 0.9098, 0.0549
CMYK	1.00, 0.90, 0.00, 0.05
HSL	234°, 99%, 47%
HSV	234°, 100%, 95%
XYZ	16.1961, 6.9701, 83.7108
YIQ	41.2740, -83.0900, 63.1340

Conversions

Conversions Part 2

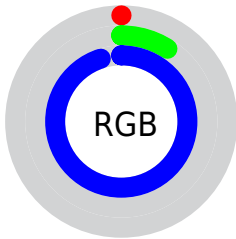
Format	Color
R_{YB}	1, 21, 241
Decimal	71665
CIE _{Lab}	31.74, 71.43, -100.91
CIE _{LCh}	32, 123.633, 305.293
Yxy	6.9701, 0.1515, 0.0652
Android (android.graphics.Color)	4278261745 (0xFF0117F1)
YUV	41.2740, 98.4649, -35.3203
Hunter-Lab	26.4010, 63.3019, -169.5129

Details

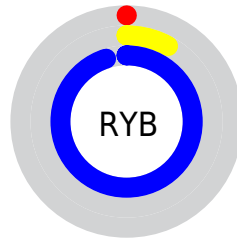
The Hex color **0117F1** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **F1DB01**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **754FFF**, and **0000B7** is the 20% darker color. If you saturate the color by 10%, you get **0016F1**, and if you desaturate by 10%, it is **192DF1**.

Distribution



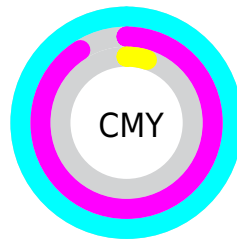
- Red (0%)
- Green (9%)
- Blue (95%)



- Red (0%)
- Yellow (8%)
- Blue (95%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (5%)




- Cyan (100%)
- Magenta (91%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0117F1 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 0117F1 by changing the saturation by 10% instead.

 0117F1

 0117F1

FFFFFF

 0000D4

 754FFF

 0000B7

 986AFF

 00009B

 B985FF

 000080

 DAA0FF

 001065

 FBBCFF

 00094C

 FFD9FF

 000535

 FFF6FF

 00021F

 000001

■ 0117F1

■ 0117F1

■ 0016F1

■ 192DF1

■ 3143F1

■ 4959F1

■ 616FF1

■ 7984F1

■ 929AF1

■ AAB0F1

■ C2C6F1

■ DADCF1

Harmonies

Analogous

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



005BFF



0117F1



BF009F

Triad

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



0117F1



981000



00665B

Complementary

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



0117F1



F1DB01

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.



006300



0117F1



4D4E00

Square

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



0117F1



CC0000



005E00



006ABD

Rectangle

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



0117F1



DC005F



005E00



006538

Sweetspot

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



0117F1



B3BAFF



01F1D9



525680



000000



808080

Same Dimension

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



0117F1



0017FF



6101F1



6C6D78



0011B8



000538

Inverse Universe

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



F10117



FF0017



91F101



786C6D



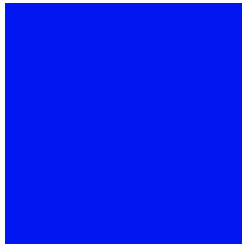
B80011



380005

Previews

White Background



This preview shows how the Hex color 0117F1 looks on a white background.

Color Contrast Check

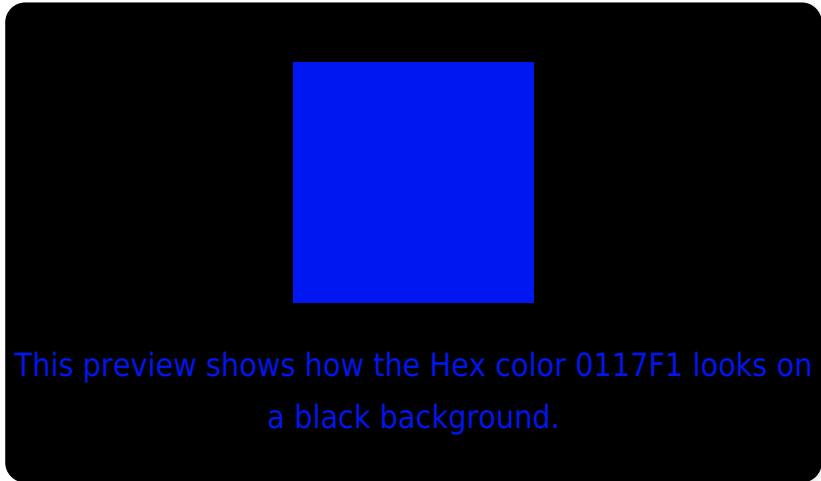
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0117F1 Background



This preview shows how black text looks on a background with the Hex color 0117F1.



This preview shows how white text looks on a background with the Hex color 0117F1.

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



Trichromacy



Original Color
0117F1

Protanomaly
0036B8

Deuteranomaly
0039A9

Tritanomaly
003D8F

Monochromacy



Original Color
0117F1

Achromatopsia
292929

Achromatomaly
1A2272

CSS Examples

Text

The CSS property to change the color of the text to Hex 0117F1 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 #0117F1 looks like.

```
.text, #text, p{  
    color:#0117F1  
}
```

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 #0117F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0117F1
}
```

Border

The CSS property to change the border of an element to Hex 0117F1 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
#0117F1 }
```

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

```
.border{ border-color:#0117F1 }
```

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

Here you see how a box with a 4 pixel #0117F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0117F1; -webkit-box-shadow:4px 4px  
4px 4px #0117F1; box-shadow:4px 4px 4px  
4px #0117F1 }
```

Background

The CSS property to change the background color of an element to Hex 0117F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0117F1 }
```

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

```
.background{ background-color:#0117F1 }
```

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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