

# Converting Colors

Hex(0F18F7)

Have a look what the booklet for  
Hex(0F18F7) contains.

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# Color

**Hex(0F18F7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F18F7
RGB	15, 24, 247
RGB Percent	6%, 9%, 97%
CMY	0.9412, 0.9059, 0.0314
CMYK	0.94, 0.90, 0.00, 0.03
HSL	238°, 94%, 51%
HSV	238°, 94%, 97%
XYZ	17.3121, 7.4702, 88.5251
YIQ	46.7310, -76.9470, 67.4450

# Conversions

## Conversions Part 2

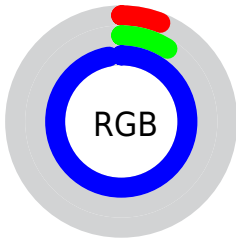
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 24, 247
Decimal	989431
CIE Lab	32.85, 72.85, -102.43
CIE LCh	33, 125.697, 305.419
Yxy	7.4702, 0.1528, 0.0659
Android (android.graphics.Color)	4279179511 (0xFF0F18F7)
YUV	46.7310, 98.7326, -27.8281
Hunter-Lab	27.3317, 65.2329, -172.9031

# Details

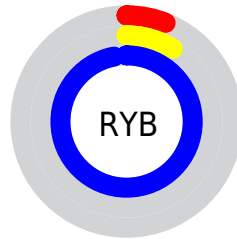
The Hex color **0F18F7** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F7EE0F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7851FF**, and **0000BD** is the 20% darker color. If you saturate the color by 10%, you get **000AF7**, and if you desaturate by 10%, it is **2830F7**.

# Distribution



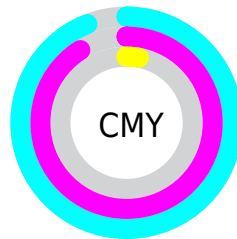
- Red (6%)
- Green (9%)
- Blue (97%)



- Red (6%)
- Yellow (9%)
- Blue (97%)



- Cyan (94%)
- Magenta (90%)
- Yellow (0%)
- Black (3%)



- Cyan (94%)
- Magenta (91%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F18F7 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 0F18F7 by changing the saturation by 10% instead.



 0F18F7

 0F18F7

FFFFFF

 0000DA

 7851FF

 0000BD

 9C6BFF

 0000A1

 BD86FF

 000085

 DEA2FF

 00116B

 FFBEFF

 000B51

 FFDBFF

 000539

 FFF8FF

 000223

 00000A

■ 0F18F7

■ 0F18F7

■ 000AF7

■ 2830F7

■ 4047F7

■ 595FF7

■ 7277F7

■ 8B8FF7

■ A3A6F7

■ BCBEF7

■ D5D6F7

■ EDEEF7

# Harmonies

## Analogous

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



005EFF



0F18F7



C500A3

# Triad

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



0F18F7



9C1300



00695E

# Complementary

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



0F18F7



F7EE0F

# 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.



006600



0F18F7



4F5100

# Square

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



0F18F7



D10000



006200



006DC3

# Rectangle

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



0F18F7



E20062



006200



00683B



# Sweetspot

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



0F18F7



B8BAFF



0FF7EB



545680



000000



808080



# Same Dimension

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



0F18F7



000AFF



770FF7



6E6F7A



0007BA



00023B



# Inverse Universe

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



F70F18



FF000A



8FF70F



7A6E6F



BA0007

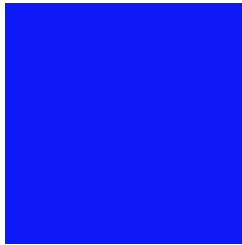


3B0002



# Previews

## White Background



This preview shows how the Hex color 0F18F7 looks on a white background.

## Color Contrast Check

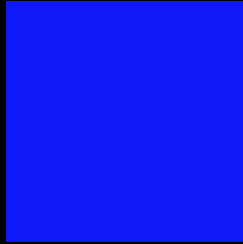
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Hex color 0F18F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

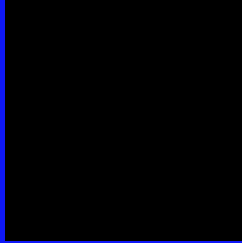
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F18F7 Background



This preview shows how black text looks on a background with the Hex color 0F18F7.



This preview shows how white text looks on a background with the Hex color 0F18F7.

# 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



**Original Color**  
0F18F7

**Protanopia**  
004A9C

**Deuteranopia**  
004F84



# Trichromacy



**Original Color**  
0F18F7

**Protanomaly**  
0538BD

**Deuteranomaly**  
053BAE

**Tritanomaly**  
053F92

# Monochromacy



**Original Color**  
0F18F7

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
232778

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F18F7 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 #0F18F7 looks like.

```
.text, #text, p{  
  color:#0F18F7  
}
```

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 #0F18F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F18F7
}
```

## Border

The CSS property to change the border of an element to Hex 0F18F7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

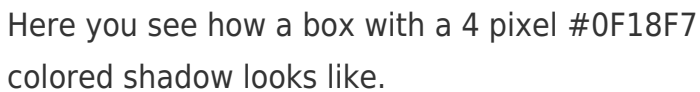
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F18F7 }
```

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

```
.border{ border-color:#0F18F7 }
```

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



Here you see how a box with a 4 pixel #0F18F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F18F7; -webkit-box-shadow:4px 4px  
4px 4px #0F18F7; box-shadow:4px 4px 4px  
4px #0F18F7 }
```

# Background

The CSS property to change the background color of an element to Hex 0F18F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F18F7 }
```

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

```
.background{ background-color:#0F18F7 }
```

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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