

Converting Colors

Hex(0F7AF0)

Have a look what the booklet for
Hex(0F7AF0) contains.

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Color

Hex(0F7AF0)

Conversions

Conversions Part 1

Format	Color
Hex	0F7AF0
RGB	15, 122, 240
RGB Percent	6%, 48%, 94%
CMY	0.9412, 0.5216, 0.0588
CMYK	0.94, 0.49, 0.00, 0.06
HSL	211°, 88%, 50%
HSV	211°, 94%, 94%
XYZ	22.8847, 20.3119, 85.1525
YIQ	103.4590, -101.6500, 14.0140

Conversions

Conversions Part 2

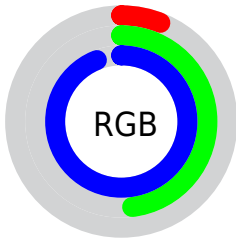
Format	Color
R _Y B	15, 88, 240
Decimal	1014512
CIE Lab	52.19, 17.14, -66.70
CIE LCh	52, 68.867, 284.414
Yxy	20.3119, 0.1783, 0.1583
Android (android.graphics.Color)	4279204592 (0xFF0F7AF0)
YUV	103.4590, 67.3147, -77.5785
Hunter-Lab	45.0687, 11.7673, -80.4740

Details

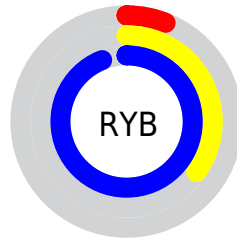
The Hex color **0F7AF0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F0850F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6FAEFF**, and **004BB7** is the 20% darker color. If you saturate the color by 10%, you get **0072F0**, and if you desaturate by 10%, it is **2787F0**.

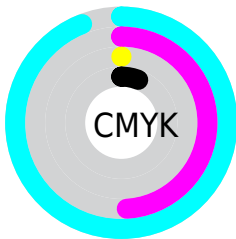
Distribution



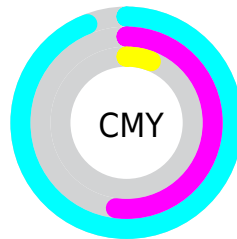
- Red (6%)
- Green (48%)
- Blue (94%)



- Red (6%)
- Yellow (35%)
- Blue (94%)



- Cyan (94%)
- Magenta (49%)
- Yellow (0%)
- Black (6%)



- Cyan (94%)
- Magenta (52%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F7AF0 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 0F7AF0 by changing the saturation by 10% instead.

 0F7AF0

 0F7AF0

FFFFFF

 0062D3

 6FAEFF

 004BB7

 90C9FF

 00359C

 B0E5FF

 002281

 D0FFFF

 000C67

 EFFFFFF

 000A4E

 000536

 000220

 000004

■ 0F7AF0

■ 0F7AF0

■ 0072F0

■ 2787F0

■ 3F93F0

■ 57A0F0

■ 6FACF0

■ 87B9F0

■ 9FC6F0

■ B7D2F0

■ CFDFF0

■ E7EBF0

Harmonies

Analogous

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



008CEF



0F7AF0



A25ED2

Triad

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



0F7AF0



D4522B



00955A

Complementary

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



0F7AF0



F0850F

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.



328F1B



0F7AF0



AF6E00

Square

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



0F7AF0



E43963



7C8300



009798

Rectangle

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



0F7AF0



C949B1



7C8300



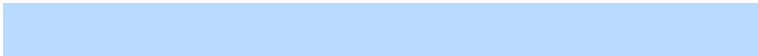
009346

Sweetspot

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



0F7AF0



B8DAFF



0FF083



546980



000000



808080

Same Dimension

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



0F7AF0



0079FF



130FF0



6C7278



0057B8



001B38

Inverse Universe

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



F00F7A



FF0079



ECF00F



786C72



B80057



38001B

Previews

White Background



This preview shows how the Hex color 0F7AF0 looks on a white background.

Color Contrast Check

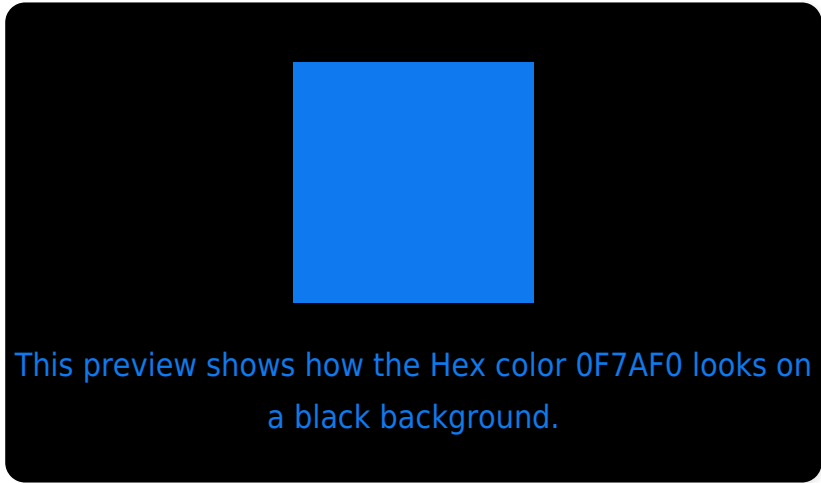
Large Text (above 18pt) WCAG AA ✓ Pass

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

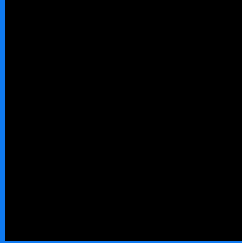
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

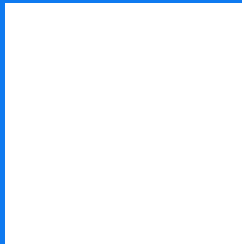
Any Text WCAG AAA × Fail

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

Hex 0F7AF0 Background



This preview shows how black text looks on a background with the Hex color 0F7AF0.



This preview shows how white text looks on a background with the Hex color 0F7AF0.

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



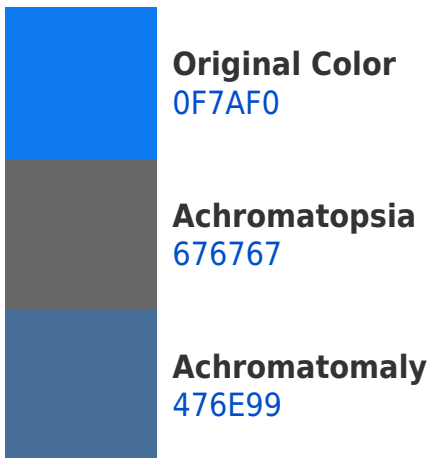


Tritanopia
008992

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0F7AF0 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 #0F7AF0 looks like.

```
.text, #text, p{  
    color:#0F7AF0  
}
```

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 #0F7AF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F7AF0
}
```

Border

The CSS property to change the border of an element to Hex 0F7AF0 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
#0F7AF0 }
```

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

```
.border{ border-color:#0F7AF0 }
```

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

Here you see how a box with a 4 pixel #0F7AF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F7AF0; -webkit-box-shadow:4px 4px  
4px 4px #0F7AF0; box-shadow:4px 4px 4px  
4px #0F7AF0 }
```

Background

The CSS property to change the background color of an element to Hex 0F7AF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F7AF0 }
```

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

```
.background{ background-color:#0F7AF0 }
```

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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