

Converting Colors

Hex(0F0FFF)

Have a look what the booklet for
Hex(0F0FFF) contains.

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Color

Hex(0F0FFF)

Conversions

Conversions Part 1

Format	Color
Hex	0F0FFF
RGB	15, 15, 255
RGB Percent	6%, 6%, 100%
CMY	0.9412, 0.9412, 0.0000
CMYK	0.94, 0.94, 0.00, 0.00
HSL	240°, 100%, 53%
HSV	240°, 94%, 100%
XYZ	18.4178, 7.6632, 95.1162
YIQ	42.3600, -77.0400, 74.6400

Conversions

Conversions Part 2

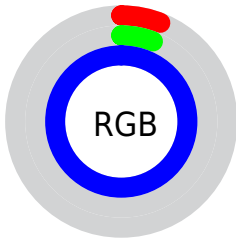
Format	Color
R _Y B	15, 15, 255
Decimal	987135
CIE Lab	33.27, 76.96, -106.24
CIE LCh	33, 131.184, 305.920
Yxy	7.6632, 0.1520, 0.0632
Android (android.graphics.Color)	4279177215 (0xFF0F0FFF)
YUV	42.3600, 104.8315, -23.9947
Hunter-Lab	27.6825, 70.3159, -184.3408

Details

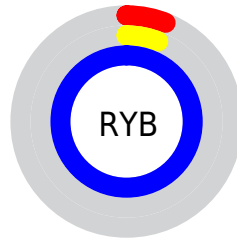
The Hex color **0F0FFF** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **FFFF0F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7B4DFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0000FF**, and if you desaturate by 10%, it is **2929FF**.

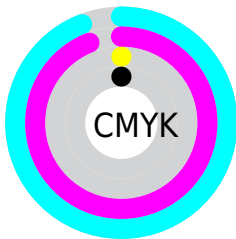
Distribution



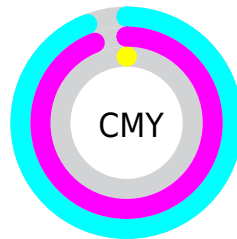
- Red (6%)
- Green (6%)
- Blue (100%)



- Red (6%)
- Yellow (6%)
- Blue (100%)



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



- Cyan (94%)
- Magenta (94%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F0FFF 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 0F0FFF by changing the saturation by 10% instead.

 0F0FFF

 0F0FFF

FFFFFF

 0000E1

 7B4DFF

 0000C4

 9F68FF

 0000A8

 C184FF

 00008C

 E29FFF

 001071

 FFBCFF

 000C58

 FFD8FF

 00073F

 FFF6FF

 000329

 000112

 0F0FFF

 0F0FFF

 0000FF

 2929FF

 4242FF

 5C5CFF

 7575FF

 8F8FFF

 A8A8FF

 C2C2FF

 DBDBFF

 F5F5FF

Harmonies

Analogous

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



005FFF



0F0FFF



CC00A6

Triad

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



0F0FFF



9F1000



006B62

Complementary

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



0000FF



FFFF00

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.



006800



0F0FFF



4E5300

Square

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



0F0FFF



D70000



006300



006FCB

Rectangle

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



0F0FFF



EA0062



006300



006A3D

Sweetspot

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



0F0FFF



B8B8FF



0FFFFF



545480



000000



808080

Same Dimension

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



0F0FFF



0000FF



870FFF



737380



0000BF



000040

Inverse Universe

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



FF0FFF



FF00FF



87FF0F



807380



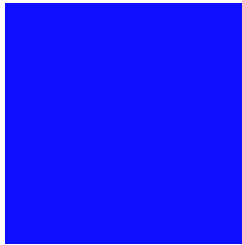
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 0F0FFF looks on a white background.

Color Contrast Check

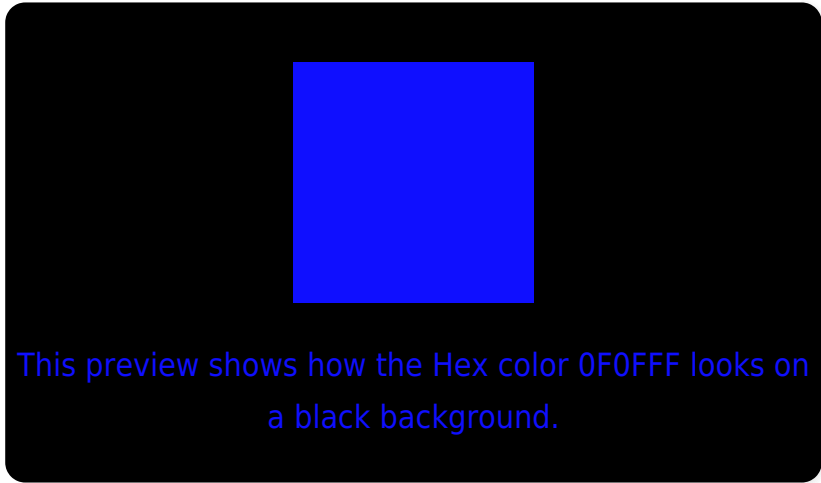
Large Text (above 18pt) WCAG AA ✓ Pass

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

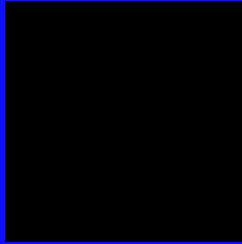
Any Text WCAG AA × Fail

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 0F0FFF Background



This preview shows how black text looks on a background with the Hex color 0F0FFF.



This preview shows how white text looks on a background with the Hex color 0F0FFF.

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
0F0FFF

Protanopia
004B9E

Deuteranopia
005086



Tritanopia
00575B

Trichromacy



Original Color
0F0FFF

Protanomaly
0535C1

Deuteranomaly
0538B2

Tritanomaly
053D97

Monochromacy



Original Color
0F0FFF

Achromatopsia
2A2A2A

Achromatomaly
202077

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F0FFF 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 #0F0FFF looks like.

```
.text, #text, p{  
    color:#0F0FFF  
}
```

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 #0F0FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0FFF
}
```

Border

The CSS property to change the border of an element to Hex 0F0FFF 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
#0F0FFF }
```

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

```
.border{ border-color:#0F0FFF }
```

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

Here you see how a box with a 4 pixel #0F0FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0FFF; -webkit-box-shadow:4px 4px  
4px 4px #0F0FFF; box-shadow:4px 4px 4px  
4px #0F0FFF }
```

Background

The CSS property to change the background color of an element to Hex 0F0FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0FFF }
```

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

```
.background{ background-color:#0F0FFF }
```

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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