

Converting Colors

Hex(0C1FF0)

Have a look what the booklet for
Hex(0C1FF0) contains.

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Color

Hex(0C1FF0)

Conversions

Conversions Part 1

Format	Color
Hex	0C1FF0
RGB	12, 31, 240
RGB Percent	5%, 12%, 94%
CMY	0.9529, 0.8784, 0.0588
CMYK	0.95, 0.87, 0.00, 0.06
HSL	235°, 90%, 49%
HSV	235°, 95%, 94%
XYZ	16.3698, 7.3494, 82.9939
YIQ	49.1450, -78.4130, 60.9710

Conversions

Conversions Part 2

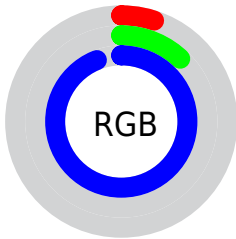
Format	Color
R _Y B	12, 30, 240
Decimal	794608
CIE Lab	32.59, 68.75, -98.92
CIE LCh	33, 120.465, 304.800
Yxy	7.3494, 0.1534, 0.0689
Android (android.graphics.Color)	4278984688 (0xFF0C1FF0)
YUV	49.1450, 94.0915, -32.5762
Hunter-Lab	27.1098, 60.3420, -162.5335

Details

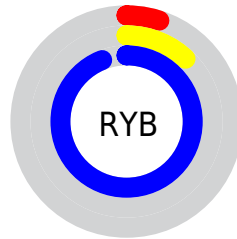
The Hex color **0C1FF0** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **F0DD0C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7554FF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **0014F0**, and if you desaturate by 10%, it is **2435F0**.

Distribution



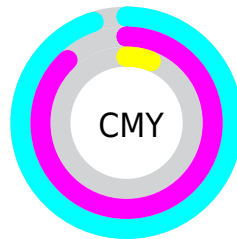
- Red (5%)
- Green (12%)
- Blue (94%)



- Red (5%)
- Yellow (12%)
- Blue (94%)



- Cyan (95%)
- Magenta (87%)
- Yellow (0%)
- Black (6%)



- Cyan (95%)
- Magenta (88%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1FF0 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 0C1FF0 by changing the saturation by 10% instead.

 0C1FF0

 0C1FF0

FFFFFF

 0000D3

 7554FF

 0000B6

 986FFF

 00009A

 BA89FF

 00007F

 DAA5FF

 001065

 FBC1FF

 00094C

 FFDDFF

 000434

 FFFAFF

 00021E

 000000

■ 0C1FF0

■ 0C1FF0

■ 0014F0

■ 2435F0

■ 3C4BF0

■ 5461F0

■ 6C77F0

■ 848DF0

■ 9CA3F0

■ B4B9F0

■ CCCFF0

■ E4E5F0

Harmonies

Analogous

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



005CFF



0C1FF0



BE00A0

Triad

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



0C1FF0



9A1500



00685B

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.



006500



0C1FF0



515000

Square

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



0C1FF0



CD0000



006000



006BBB

Rectangle

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



0C1FF0



DB0062



006000



006739

Sweetspot

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



0C1FF0



B5BBFF



0CF0DD



535780



000000



808080

Same Dimension

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



0C1FF0



0015FF



6B0CF0



6C6D78



000FB8



000538

Inverse Universe

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



F00C1F



FF0015



91F00C



786C6D



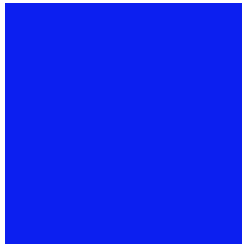
B8000F



380005

Previews

White Background



This preview shows how the Hex color 0C1FF0 looks on a white background.

Color Contrast Check

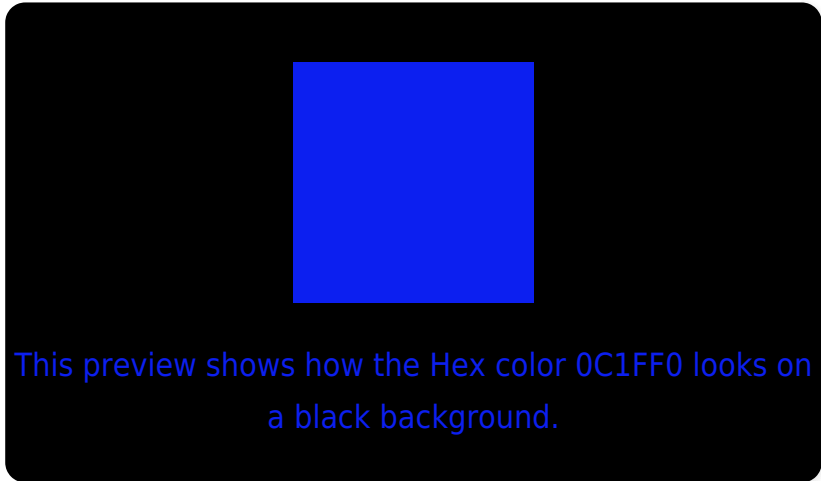
Large Text (above 18pt) WCAG AA ✓ Pass

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

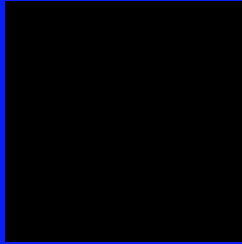
Any Text WCAG AA × Fail

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 0C1FF0 Background



This preview shows how black text looks on a background with the Hex color 0C1FF0.



This preview shows how white text looks on a background with the Hex color 0C1FF0.

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
0C1FF0

Protanopia
004A9A

Deuteranopia
004F83

Trichromacy



Original Color
0C1FF0

Protanomaly
043AB9

Deuteranomaly
043EAB

Tritanomaly
044190

Monochromacy



Original Color
0C1FF0

Achromatopsia
313131

Achromatomaly
242A76

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1FF0 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 #0C1FF0 looks like.

```
.text, #text, p{  
    color:#0C1FF0  
}
```

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 #0C1FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1FF0
}
```

Border

The CSS property to change the border of an element to Hex 0C1FF0 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
#0C1FF0 }
```

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

```
.border{ border-color:#0C1FF0 }
```

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

Here you see how a box with a 4 pixel #0C1FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1FF0; -webkit-box-shadow:4px 4px  
4px 4px #0C1FF0; box-shadow:4px 4px 4px  
4px #0C1FF0 }
```

Background

The CSS property to change the background color of an element to Hex 0C1FF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1FF0 }
```

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

```
.background{ background-color:#0C1FF0 }
```

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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