

Converting Colors

Hex(0FC0FF)

Have a look what the booklet for
Hex(0FC0FF) contains.

Hex(0FC0FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0FC0FF)

Conversions

Conversions Part 1

Format	Color
Hex	0FC0FF
RGB	15, 192, 255
RGB Percent	6%, 75%, 100%
CMY	0.9412, 0.2471, 0.0000
CMYK	0.94, 0.25, 0.00, 0.00
HSL	196°, 100%, 53%
HSV	196°, 94%, 100%
XYZ	37.0966, 45.0208, 101.3424
YIQ	146.2590, -125.7150, -17.9310

Conversions

Conversions Part 2

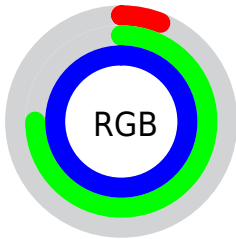
Format	Color
RYB	15, 117, 255
Decimal	1032447
CIELab	72.91, -17.81, -41.99
CIELCh	73, 45.609, 247.010
Yxy	45.0208, 0.2022, 0.2454
Android (android.graphics.Color)	4279222527 (0xFF0FC0FF)
YUV	146.2590, 53.6093, -115.1141
Hunter-Lab	67.0976, -18.7324, -42.5818

Details

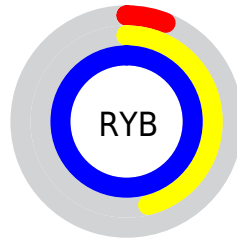
The Hex color **0FC0FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FF4E0F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **74F8FF**, and **008BC6** is the 20% darker color. If you saturate the color by 10%, you get **00BCFF**, and if you desaturate by 10%, it is **29C7FF**.

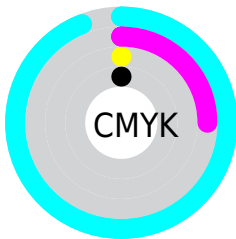
Distribution



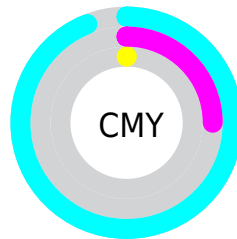
- Red (6%)
- Green (75%)
- Blue (100%)



- Red (6%)
- Yellow (46%)
- Blue (100%)



- Cyan (94%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FC0FF 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 0FC0FF by changing the saturation by 10% instead.

 0FC0FF

 0FC0FF

FFFFFF

 00A5E2

 74F8FF

 008BC6

 96FFFF

 0071AA

 B7FFFF

 005990

 D7FFFF

 004176

 F7FFFF

 002B5D

 001745

 00042E

 000118

 0FC0FF

 0FC0FF

 00BCFF

 29C7FF

 42CDFF

 5CD4FF

 75DBFF

 8FE1FF

 A8E8FF

 C2EFFF

 DBF6FF

 F5FCFF

Harmonies

Analogous

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



00C7E4



0FC0FF



82B4FF

Triad

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



0FC0FF



FF91AB



97BF6E

Complementary

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



0FC0FF



FF4E0F

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.



C4B45E



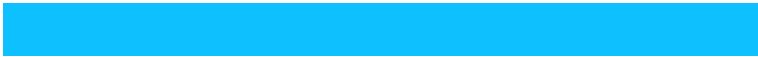
0FC0FF



FE9783

Square

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



0FC0FF



EF96D4



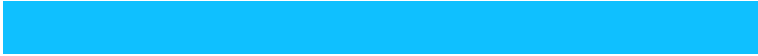
E8A566



60C691

Rectangle

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



0FC0FF



B1AAFD



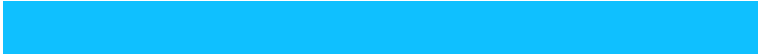
E8A566



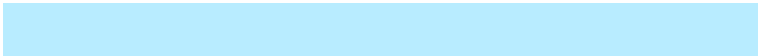
A7BC66

Sweetspot

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



0FC0FF



B8ECFF



0FFF4B



547480



000000



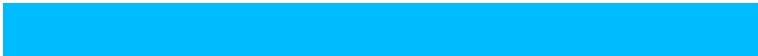
808080

Same Dimension

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



0FC0FF



00BCFF



0F4BFF



737C80



008DBF



002F40

Inverse Universe

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



FF0FC0



FF00BC



FFC30F



80737C



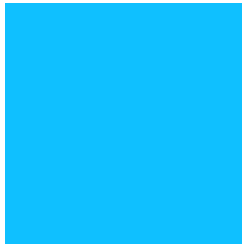
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 0FC0FF looks on a white background.

Color Contrast Check

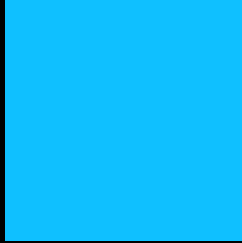
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0FC0FF looks on a 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 ✓ Pass

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

Hex 0FC0FF Background



This preview shows how black text looks on a background with the Hex color 0FC0FF.

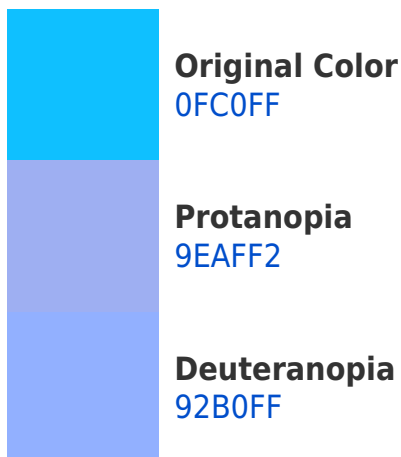


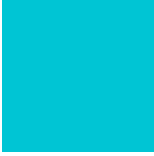
This preview shows how white text looks on a background with the Hex color 0FC0FF.

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
00C5D4

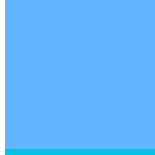
Trichromacy



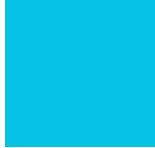
Original Color
0FC0FF



Protanomaly
6AB5F7



Deuteranomaly
62B6FF



Tritanomaly
05C3E4

Monochromacy



Original Color
0FC0FF



Achromatopsia
929292



Achromatomaly
62A3BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FC0FF 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 #0FC0FF looks like.

```
.text, #text, p{  
  color:#0FC0FF  
}
```

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 #0FC0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FC0FF
}
```

Border

The CSS property to change the border of an element to Hex 0FC0FF 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
#0FC0FF }
```

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

```
.border{ border-color:#0FC0FF }
```

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

Here you see how a box with a 4 pixel #0FC0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FC0FF; -webkit-box-shadow:4px 4px  
4px 4px #0FC0FF; box-shadow:4px 4px 4px  
4px #0FC0FF }
```

Background

The CSS property to change the background color of an element to Hex 0FC0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FC0FF }
```

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

```
.background{ background-color:#0FC0FF }
```

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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