

Converting Colors

Hex(0067FF)

Have a look what the booklet for
Hex(0067FF) contains.

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Color

Hex(0067FF)

Conversions

Conversions Part 1

Format	Color
Hex	0067FF
RGB	0, 103, 255
RGB Percent	0%, 40%, 100%
CMY	1.0000, 0.5961, 0.0000
CMYK	1.00, 0.60, 0.00, 0.00
HSL	216°, 100%, 50%
HSV	216°, 100%, 100%
XYZ	22.9002, 16.9205, 96.6667
YIQ	89.5310, -110.1800, 25.4360

Conversions

Conversions Part 2

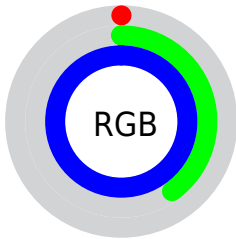
Format	Color
R _{YB}	0, 73, 255
Decimal	26623
CIE _{Lab}	48.16, 34.58, -81.60
CIE _{LCh}	48, 88.625, 292.963
Yxy	16.9205, 0.1678, 0.1240
Android (android.graphics.Color)	4278216703 (0xFF0067FF)
YUV	89.5310, 81.5762, -78.5187
Hunter-Lab	41.1345, 27.3884, -110.5382

Details

The Hex color **0067FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FF9800**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7299FF**, and **003AC5** is the 20% darker color. If you saturate the color by 10%, you get **0067FF**, and if you desaturate by 10%, it is **1976FF**.

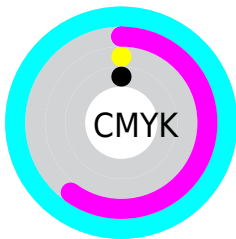
Distribution



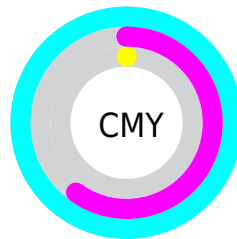
- Red (0%)
- Green (40%)
- Blue (100%)



- Red (0%)
- Yellow (29%)
- Blue (100%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0067FF 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 0067FF by changing the saturation by 10% instead.

 0067FF

 0067FF

FFFFFF

 0050E2

 7299FF

 003AC5

 94B4FF

 0026A9

 B5CFFF

 00168E

 D6EBFF

 000173

 F6FFFF

 000D59

 000741

 00032A

 000114

 0067FF

 1976FF

 3385FF

 4D95FF

 66A4FF

 80B3FF

 99C2FF

 B3D1FF

 CCE1FF

 E6F0FF

Harmonies

Analogous

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



0082FF



0067FF



B733CE

Triad

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



0067FF



CE4100



008F5E

Complementary

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



0067FF



FF9800

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.



008A00



0067FF



9A6900

Square

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



0067FF



EC003E



547F00



0090AB

Rectangle

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



0067FF



DE00A0



547F00



008E43

Sweetspot

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



0067FF



B3D1FF



00FF95



526480



000000



808080

Same Dimension

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



0067FF



1500FF



737880



004DBF



001A40

Inverse Universe

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



FF0067



EAFF00



807378



BF004D



40001A

Previews

White Background



This preview shows how the Hex color 0067FF looks on a white background.

Color Contrast Check

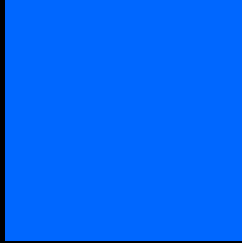
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0067FF looks on a black 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

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

Hex 0067FF Background



This preview shows how black text looks on a background with the Hex color 0067FF.



This preview shows how white text looks on a background with the Hex color 0067FF.

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
007E86

Trichromacy



Original Color
0067FF

Protanomaly
006BF0

Deuteranomaly
0070DB

Tritanomaly
0076B2

Monochromacy



Original Color
0067FF

Achromatopsia
5A5A5A

Achromatomaly
395F96

CSS Examples

Text

The CSS property to change the color of the text to Hex 0067FF 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 #0067FF looks like.

```
.text, #text, p{  
    color:#0067FF  
}
```

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 #0067FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0067FF
}
```

Border

The CSS property to change the border of an element to Hex 0067FF 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
#0067FF }
```

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

```
.border{ border-color:#0067FF }
```

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

Here you see how a box with a 4 pixel #0067FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0067FF; -webkit-box-shadow:4px 4px  
4px 4px #0067FF; box-shadow:4px 4px 4px  
4px #0067FF }
```

Background

The CSS property to change the background color of an element to Hex 0067FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0067FF }
```

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

```
.background{ background-color:#0067FF }
```

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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