

Converting Colors

Hex(0040FF)

Have a look what the booklet for
Hex(0040FF) contains.

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Color

Hex(0040FF)

Conversions

Conversions Part 1

Format	Color
Hex	0040FF
RGB	0, 64, 255
RGB Percent	0%, 25%, 100%
CMY	1.0000, 0.7490, 0.0000
CMYK	1.00, 0.75, 0.00, 0.00
HSL	225°, 100%, 50%
HSV	225°, 100%, 100%
XYZ	19.8834, 10.8868, 95.6611
YIQ	66.6380, -99.4550, 45.8330

Conversions

Conversions Part 2

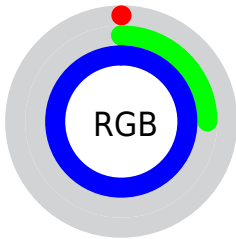
Format	Color
RYB	0, 51, 255
Decimal	16639
CIELab	39.39, 58.07, -96.05
CIELCh	39, 112.243, 301.155
Yxy	10.8868, 0.1573, 0.0861
Android (android.graphics.Color)	4278206719 (0xFF0040FF)
YUV	66.6380, 92.8625, -58.4415
Hunter-Lab	32.9951, 49.8254, -148.7999

Details

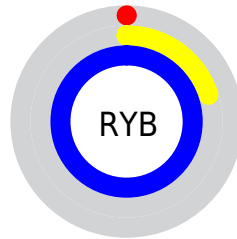
The Hex color **0040FF** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FFBF00**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7571FF**, and **0013C5** is the 20% darker color. If you saturate the color by 10%, you get **0040FF**, and if you desaturate by 10%, it is **1953FF**.

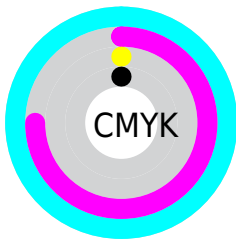
Distribution



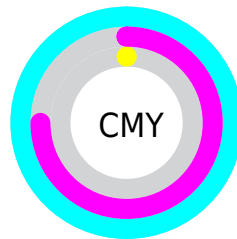
- Red (0%)
- Green (25%)
- Blue (100%)



- Red (0%)
- Yellow (20%)
- Blue (100%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0040FF 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 0040FF by changing the saturation by 10% instead.

 0040FF

 0040FF

FFFFFF

 0029E1

 7571FF

 0013C5

 998BFF

 0002A8

 BAA6FF

 00008D

 DBC2FF

 000C72

 FBDEFF

 000D58

 FFFBFF

 000740

 000329

 000113

 0040FF

 1953FF

 3366FF

 4D79FF

 668CFF

 80A0FF

 99B3FF

 B3C6FF

 CCD9FF

 E6ECFF

Harmonies

Analogous

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



006DFF



0040FF



C300B7

Triad

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



0040FF



B32600



007A5E

Complementary

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



0040FF



FFBF00

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.



007700



0040FF



6F5C00

Square

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



0040FF



E10003



007000



007CBC

Rectangle

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



0040FF



E6007C



007000



00793E

Sweetspot

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



0040FF



B3C6FF



00FFBB



525D80



000000



808080

Same Dimension

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



0040FF



3C00FF



737680



0030BF



001040

Inverse Universe

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



FF0040



C3FF00



807376



BF0030



400010

Previews

White Background



This preview shows how the Hex color 0040FF looks on a white background.

Color Contrast Check

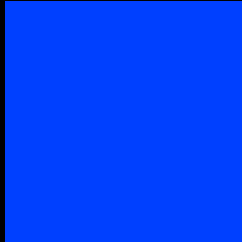
Large Text (above 18pt) WCAG AA ✓ Pass

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 0040FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

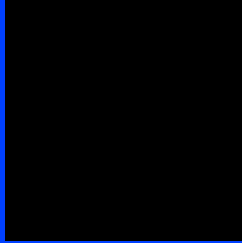
Any Text WCAG AA × Fail

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 0040FF Background



This preview shows how black text looks on a background with the Hex color 0040FF.



This preview shows how white text looks on a background with the Hex color 0040FF.

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
00666B

Trichromacy



Original Color
0040FF

Protanomaly
0050D4

Deuteranomaly
0054C2

Tritanomaly
0058A1

Monochromacy



Original Color
0040FF

Achromatopsia
434343

Achromatomaly
2B4287

CSS Examples

Text

The CSS property to change the color of the text to Hex 0040FF 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 #0040FF looks like.

```
.text, #text, p{  
  color:#0040FF  
}
```

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 #0040FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0040FF
}
```

Border

The CSS property to change the border of an element to Hex 0040FF 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
#0040FF }
```

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

```
.border{ border-color:#0040FF }
```

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

Here you see how a box with a 4 pixel #0040FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0040FF; -webkit-box-shadow:4px 4px  
4px 4px #0040FF; box-shadow:4px 4px 4px  
4px #0040FF }
```

Background

The CSS property to change the background color of an element to Hex 0040FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0040FF }
```

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

```
.background{ background-color:#0040FF }
```

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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