

Converting Colors

Hex(0048FD)

Have a look what the booklet for
Hex(0048FD) contains.

Hex(0048FD)	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(0048FD)

Conversions

Conversions Part 1

Format	Color
Hex	0048FD
RGB	0, 72, 253
RGB Percent	0%, 28%, 99%
CMY	1.0000, 0.7176, 0.0078
CMYK	1.00, 0.72, 0.00, 0.01
HSL	223°, 100%, 50%
HSV	223°, 100%, 99%
XYZ	20.0470, 11.7266, 94.1354
YIQ	71.1060, -101.0130, 41.0270

Conversions

Conversions Part 2

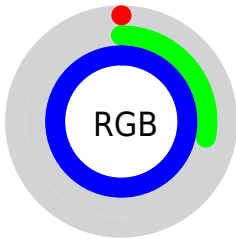
Format	Color
R _{YB}	0, 56, 253
Decimal	18685
CIE _{Lab}	40.78, 52.89, -92.64
CIE _{LCh}	41, 106.673, 299.726
Yxy	11.7266, 0.1592, 0.0931
Android (android.graphics.Color)	4278208765 (0xFF0048FD)
YUV	71.1060, 89.6737, -62.3600
Hunter-Lab	34.2441, 44.5693, -139.0145

Details

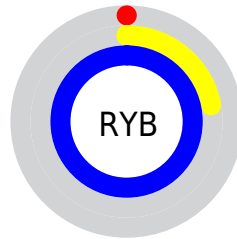
The Hex color **0048FD** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **FDB500**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7479FF**, and **001CC3** is the 20% darker color. If you saturate the color by 10%, you get **0048FD**, and if you desaturate by 10%, it is **195AFD**.

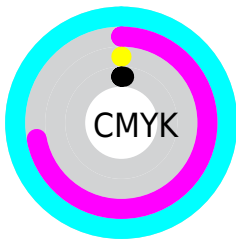
Distribution



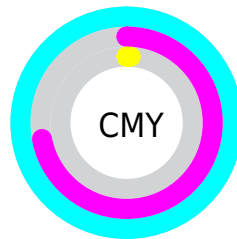
- Red (0%)
- Green (28%)
- Blue (99%)



- Red (0%)
- Yellow (22%)
- Blue (99%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (72%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0048FD 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 0048FD by changing the saturation by 10% instead.

 0048FD

 0048FD

FFFFFF

 0031E0

 7479FF

 001CC3

 9793FF

 000AA7

 B8AEFF


 00008B

 D9C9FF

 000B70

 F9E6FF

 000C57

 00063F

 000328

 000111

 0048FD

 195AFD

 336CFD

 4C7EFD

 6590FD

 7FA3FD

 98B5FD

 B1C7FD

 CAD9FD

 E4EBFD

Harmonies

Analogous

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



0070FF



0048FD



C000BB

Triad

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



0048FD



B72B00



007D5D

Complementary

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



0048FD



FDB500

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.



007A00



0048FD



775E00

Square

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



0048FD



E20011



007200



007FB7

Rectangle

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



0048FD



E30082



007200



007C3E

Sweetspot

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



0048FD



B3C8FF



00FDB1



525F80



000000



808080

Same Dimension

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



0048FD



0049FF



3300FD



737680



0036BF



001240

Inverse Universe

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



FD0048



FF0049



CAFD00



807376



BF0036



400012

Previews

White Background



This preview shows how the Hex color 0048FD looks on a white background.

Color Contrast Check

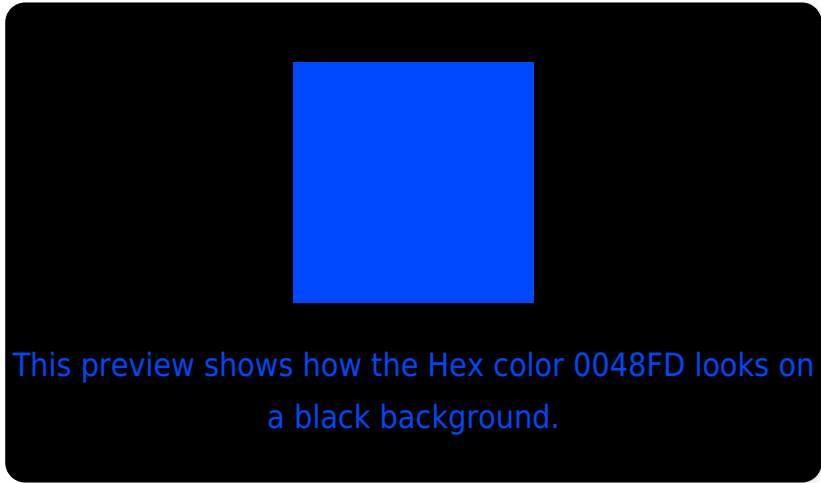
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

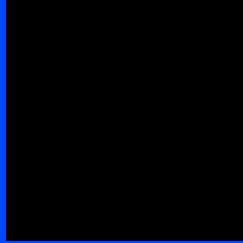
Any Text WCAG AA × Fail

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 0048FD Background



This preview shows how black text looks on a background with the Hex color 0048FD.



This preview shows how white text looks on a background with the Hex color 0048FD.

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
0048FD

Protanopia
005CC2

Deuteranopia
0062A5



Tritanopia
006A6F

Trichromacy



Original Color
0048FD

Protanomaly
0055D7

Deuteranomaly
0059C5

Tritanomaly
005EA3

Monochromacy



Original Color
0048FD

Achromatopsia
474747

Achromatomaly
2D4789

CSS Examples

Text

The CSS property to change the color of the text to Hex 0048FD 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 #0048FD looks like.

```
.text, #text, p{  
    color:#0048FD  
}
```

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 #0048FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0048FD
}
```

Border

The CSS property to change the border of an element to Hex 0048FD 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
#0048FD }
```

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

```
.border{ border-color:#0048FD }
```

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

Here you see how a box with a 4 pixel #0048FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0048FD; -webkit-box-shadow:4px 4px  
4px 4px #0048FD; box-shadow:4px 4px 4px  
4px #0048FD }
```

Background

The CSS property to change the background color of an element to Hex 0048FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0048FD }
```

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

```
.background{ background-color:#0048FD }
```

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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