

Converting Colors

Hex(0045FD)

Have a look what the booklet for
Hex(0045FD) contains.

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Color

Hex(0045FD)

Conversions

Conversions Part 1

Format	Color
Hex	0045FD
RGB	0, 69, 253
RGB Percent	0%, 27%, 99%
CMY	1.0000, 0.7294, 0.0078
CMYK	1.00, 0.73, 0.00, 0.01
HSL	224°, 100%, 50%
HSV	224°, 100%, 99%
XYZ	19.8577, 11.3481, 94.0723
YIQ	69.3450, -100.1880, 42.5960

Conversions

Conversions Part 2

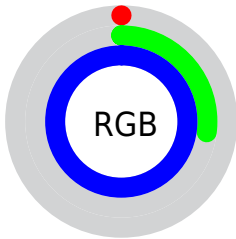
Format	Color
R _{YB}	0, 54, 253
Decimal	17917
CIE Lab	40.16, 54.62, -93.66
CIE LCh	40, 108.419, 300.249
Yxy	11.3481, 0.1585, 0.0906
Android (android.graphics.Color)	4278207997 (0xFF0045FD)
YUV	69.3450, 90.5419, -60.8156
Hunter-Lab	33.6869, 46.2699, -141.9892

Details

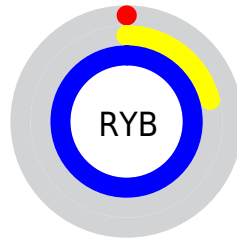
The Hex color **0045FD** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FDB800**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7476FF**, and **0019C3** is the 20% darker color. If you saturate the color by 10%, you get **0045FD**, and if you desaturate by 10%, it is **1957FD**.

Distribution



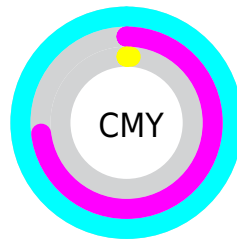
- Red (0%)
- Green (27%)
- Blue (99%)



- Red (0%)
- Yellow (21%)
- Blue (99%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (73%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0045FD 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 0045FD by changing the saturation by 10% instead.

 0045FD

 0045FD

FFFFFF

 002EE0

 7476FF

 0019C3

 9790FF

 0007A7

 B9ABFF

 00008B

 D9C6FF

 000C70

 FAE3FF

 000C57

 00063E

 000328

 000111

 0045FD

 1957FD

 336AFD

 4C7CFD

 658FFD

 7FA1FD

 98B3FD

 B1C6FD

 CAD8FD

 E4EBFD

Harmonies

Analogous

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



006EFF



0045FD



C000B9

Triad

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



0045FD



B52900



007C5D

Complementary

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



0045FD



FDB800

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.



007800



0045FD



745D00

Square

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



0045FD



E1000C



007100



007EB8

Rectangle

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



0045FD



E30080



007100



007B3D

Sweetspot

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



0045FD



B3C7FF



00FDB5



525E80



000000



808080

Same Dimension

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



0045FD



0046FF



3700FD



737680



0034BF



001140

Inverse Universe

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



FD0045



FF0046



C6FD00



807376



BF0034



400011

Previews

White Background



This preview shows how the Hex color 0045FD looks on a white background.

Color Contrast Check

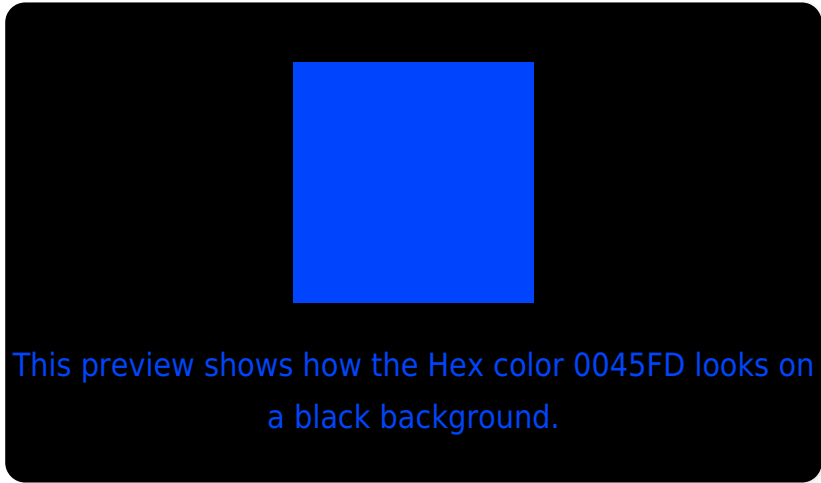
Large Text (above 18pt) WCAG AA ✓ Pass

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

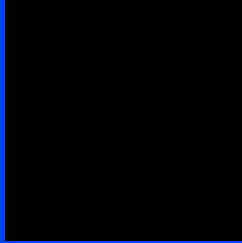
Any Text WCAG AA × Fail

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 0045FD Background



This preview shows how black text looks on a background with the Hex color 0045FD.



This preview shows how white text looks on a background with the Hex color 0045FD.

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



Trichromacy



Original Color
0045FD

Protanomaly
0053D6

Deuteranomaly
0057C3

Tritanomaly
005BA2

Monochromacy



Original Color
0045FD

Achromatopsia
454545

Achromatomaly
2C4588

CSS Examples

Text

The CSS property to change the color of the text to Hex 0045FD 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 #0045FD looks like.

```
.text, #text, p{  
    color:#0045FD  
}
```

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 #0045FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0045FD
}
```

Border

The CSS property to change the border of an element to Hex 0045FD 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
#0045FD }
```

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

```
.border{ border-color:#0045FD }
```

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

Here you see how a box with a 4 pixel #0045FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0045FD; -webkit-box-shadow:4px 4px  
4px 4px #0045FD; box-shadow:4px 4px 4px  
4px #0045FD }
```

Background

The CSS property to change the background color of an element to Hex 0045FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0045FD }
```

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

```
.background{ background-color:#0045FD }
```

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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