

Converting Colors

Hex(0044EF)

Have a look what the booklet for
Hex(0044EF) contains.

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Color

Hex(0044EF)

Conversions

Conversions Part 1

Format	Color
Hex	0044EF
RGB	0, 68, 239
RGB Percent	0%, 27%, 94%
CMY	1.0000, 0.7333, 0.0627
CMYK	1.00, 0.72, 0.00, 0.06
HSL	223°, 100%, 47%
HSV	223°, 100%, 94%
XYZ	17.6471, 10.3662, 82.7321
YIQ	67.1620, -95.4190, 38.7650

Conversions

Conversions Part 2

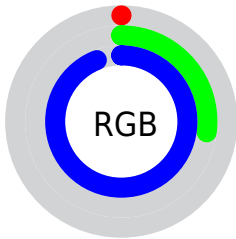
Format	Color
R _{YB}	0, 53, 239
Decimal	17647
CIE Lab	38.49, 50.36, -88.55
CIE LCh	38, 101.871, 299.630
Yxy	10.3662, 0.1593, 0.0936
Android (android.graphics.Color)	4278207727 (0xFF0044EF)
YUV	67.1620, 84.7161, -58.9011
Hunter-Lab	32.1966, 41.4924, -129.8133

Details

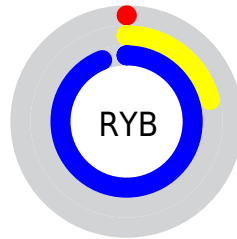
The Hex color **0044EF** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **EFAB00**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7075FF**, and **0019B5** is the 20% darker color. If you saturate the color by 10%, you get **0044EF**, and if you desaturate by 10%, it is **1855EF**.

Distribution



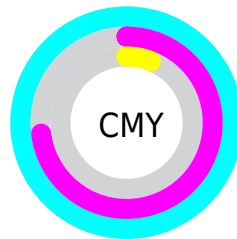
- Red (0%)
- Green (27%)
- Blue (94%)



- Red (0%)
- Yellow (21%)
- Blue (94%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (73%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0044EF 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 0044EF by changing the saturation by 10% instead.

 0044EF

 0044EF

FFFFFF

 002DD2

 7075FF

 0019B5

 928EFF

 00089A

 B3A9FF

 00007F

 D3C5FF

 000F64

 F3E1FF

 00094B

 FFFDFF

 000434

 00021E

 000000

 0044EF

 1855EF

 3066EF

 4877EF

 6088EF

 779AEF

 8FABEF

 A7BCEF

 BFCDEF

 D7DEEF

Harmonies

Analogous

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



0069FF



0044EF



B500B0

Triad

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



0044EF



AD2800



007658

Complementary

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



0044EF



EFAB00

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.



007300



0044EF



705800

Square

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



0044EF



D50010



006B00



0078AC

Rectangle

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



0044EF



D6007B



006B00



00753A

Sweetspot

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



0044EF



B3C8FF



00EFA7



525F80



000000



808080

Same Dimension

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



0044EF



0049FF



3000EF



6C6F78



0034B8



001038

Inverse Universe

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



EF0044



FF0049



BFEF00



786C6F



B80034



380010

Previews

White Background



This preview shows how the Hex color 0044EF looks on a white background.

Color Contrast Check

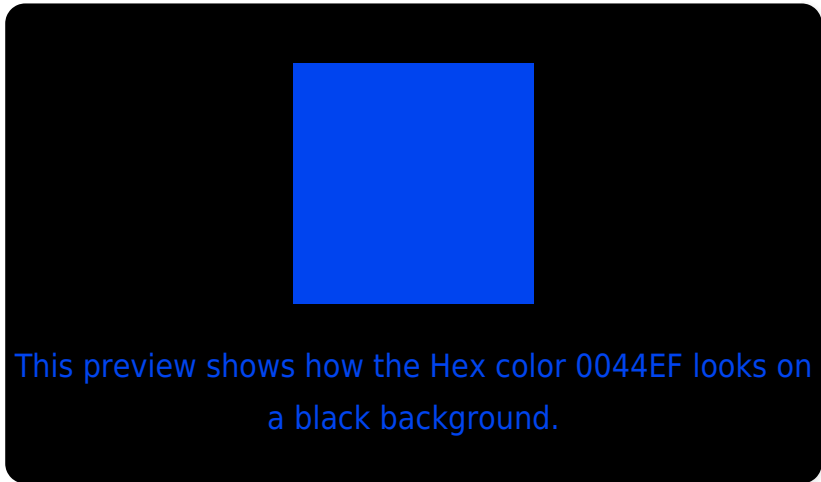
Large Text (above 18pt) WCAG AA ✓ Pass

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

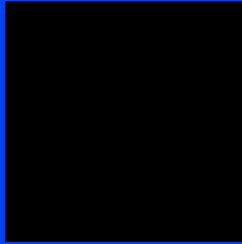
Any Text WCAG AA × Fail

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 0044EF Background



This preview shows how black text looks on a background with the Hex color 0044EF.



This preview shows how white text looks on a background with the Hex color 0044EF.

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
0044EF

Protanopia
0057B7

Deuteranopia
005D9C



Trichromacy



Original Color
0044EF

Protanomaly
0050CB

Deuteranomaly
0054BA

Tritanomaly
00589A

Monochromacy



Original Color
0044EF

Achromatopsia
434343

Achromatomaly
2B4382

CSS Examples

Text

The CSS property to change the color of the text to Hex 0044EF 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 #0044EF looks like.

```
.text, #text, p{  
    color:#0044EF  
}
```

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 #0044EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0044EF
}
```

Border

The CSS property to change the border of an element to Hex 0044EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

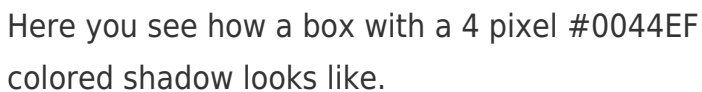
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0044EF }
```

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

```
.border{ border-color:#0044EF }
```

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



Here you see how a box with a 4 pixel #0044EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0044EF; -webkit-box-shadow:4px 4px  
4px 4px #0044EF; box-shadow:4px 4px 4px  
4px #0044EF }
```

Background

The CSS property to change the background color of an element to Hex 0044EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0044EF }
```

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

```
.background{ background-color:#0044EF }
```

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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