

Converting Colors

Hex(0064EF)

Have a look what the booklet for
Hex(0064EF) contains.

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Color

Hex(0064EF)

Conversions

Conversions Part 1

Format	Color
Hex	0064EF
RGB	0, 100, 239
RGB Percent	0%, 39%, 94%
CMY	1.0000, 0.6078, 0.0627
CMYK	1.00, 0.58, 0.00, 0.06
HSL	215°, 100%, 47%
HSV	215°, 100%, 94%
XYZ	20.1372, 15.3463, 83.5622
YIQ	85.9460, -104.2190, 22.0290

Conversions

Conversions Part 2

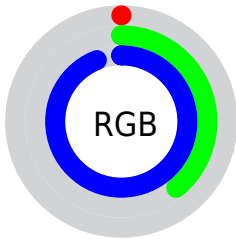
Format	Color
R_{YB}	0, 71, 239
Decimal	25839
CIE _{Lab}	46.10, 30.38, -76.03
CIE _{LCh}	46, 81.878, 291.780
Yxy	15.3463, 0.1692, 0.1289
Android (android.graphics.Color)	4278215919 (0xFF0064EF)
YUV	85.9460, 75.4556, -75.3746
Hunter-Lab	39.1744, 23.2007, -99.0483

Details

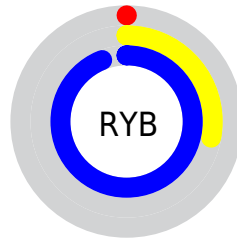
The Hex color **0064EF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EF8B00**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6D96FF**, and **0037B6** is the 20% darker color. If you saturate the color by 10%, you get **0064EF**, and if you desaturate by 10%, it is **1872EF**.

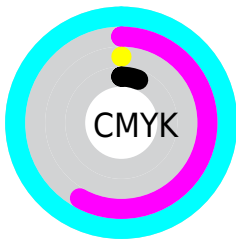
Distribution



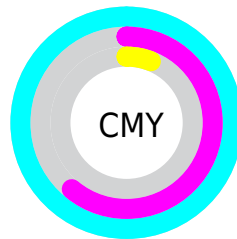
- Red (0%)
- Green (39%)
- Blue (94%)



- Red (0%)
- Yellow (28%)
- Blue (94%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (6%)




- Cyan (100%)
- Magenta (61%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0064EF 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 0064EF by changing the saturation by 10% instead.

 0064EF

FFFFFF

 6D96FF

 8FB1FF

 AFCCFF

 CFE8FF

 EFFFFFF

 0064EF

 004DD2

 0037B6

 00239A

 00137F

 000665

 00094C

 000535

 00021E

 000001

 0064EF

 1872EF

 3080EF

 488EEF

 609CEF

 77A9EF

 8FB7EF

 A7C5EF

 BFD3EF

 D7E1EF

Harmonies

Analogous

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



007CF7



0064EF



AA39C3

Triad

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



0064EF



C44000



008857

Complementary

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



0064EF



EF8B00

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.



008300



0064EF



956400

Square

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



0064EF



DE0040



567800



00899F

Rectangle

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



0064EF



CF009A



567800



00873F

Sweetspot

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



0064EF



B3D3FF



00EF87



526580



000000



808080

Same Dimension

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



0064EF



006BFF



1000EF



6C7178



004DB8



001738

Inverse Universe

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



EF0064



FF006B



DFEF00



786C71



B8004D



380017

Previews

White Background



This preview shows how the Hex color 0064EF looks on a white background.

Color Contrast Check

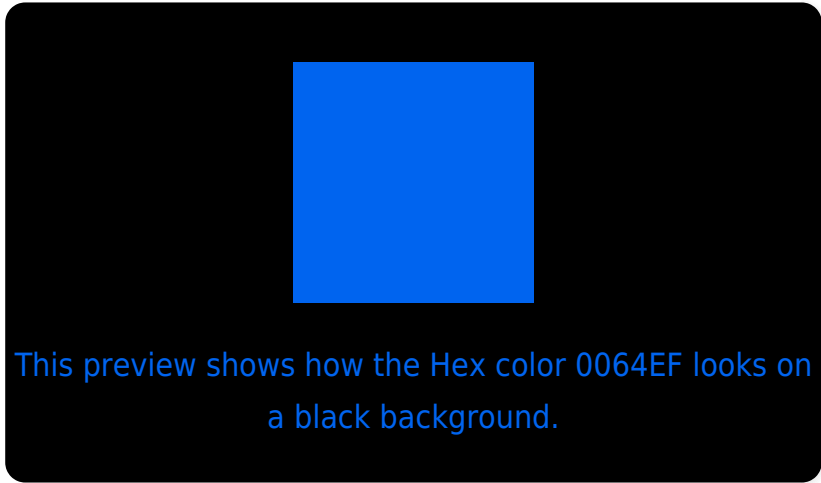
Large Text (above 18pt) WCAG AA ✓ Pass

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

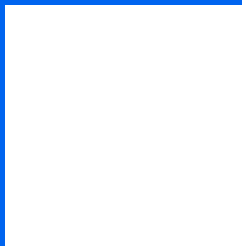
Any Text WCAG AAA × Fail

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

Hex 0064EF Background



This preview shows how black text looks on a background with the Hex color 0064EF.



This preview shows how white text looks on a background with the Hex color 0064EF.

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
0064EF

Protanopia
0069DE

Deuteranopia
006FBE



Trichromacy



Original Color
0064EF

Protanomaly
0067E4

Deuteranomaly
006BD0

Tritanomaly
0071A8

Monochromacy



Original Color
0064EF

Achromatopsia
565656

Achromatomaly
375B8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0064EF 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 #0064EF looks like.

```
.text, #text, p{  
    color:#0064EF  
}
```

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 #0064EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0064EF
}
```

Border

The CSS property to change the border of an element to Hex 0064EF 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
#0064EF }
```

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

```
.border{ border-color:#0064EF }
```

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

Here you see how a box with a 4 pixel #0064EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0064EF; -webkit-box-shadow:4px 4px  
4px 4px #0064EF; box-shadow:4px 4px 4px  
4px #0064EF }
```

Background

The CSS property to change the background color of an element to Hex 0064EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0064EF }
```

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

```
.background{ background-color:#0064EF }
```

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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