

Converting Colors

Hex(006EDF)

Have a look what the booklet for
Hex(006EDF) contains.

Hex(006EDF)	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>	28

Color

Hex(006EDF)

Conversions

Conversions Part 1

Format	Color
Hex	006EDF
RGB	0, 110, 223
RGB Percent	0%, 43%, 87%
CMY	1.0000, 0.5686, 0.1255
CMYK	1.00, 0.51, 0.00, 0.13
HSL	210°, 100%, 44%
HSV	210°, 100%, 87%
XYZ	18.8952, 16.4796, 71.9970
YIQ	89.9920, -101.8330, 11.8230

Conversions

Conversions Part 2

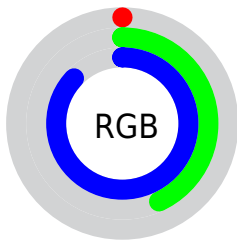
Format	Color
RYB	0, 74, 223
Decimal	28383
CIELab	47.60, 17.69, -64.59
CIELCh	48, 66.967, 285.315
Yxy	16.4796, 0.1760, 0.1535
Android (android.graphics.Color)	4278218463 (0xFF006EDF)
YUV	89.9920, 65.5729, -78.9230
Hunter-Lab	40.5950, 12.0426, -76.7368

Details

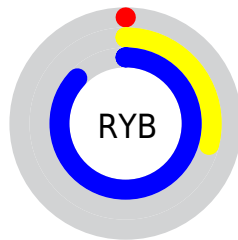
The Hex color **006EDF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DF7100**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **68A1FF**, and **0040A7** is the 20% darker color. If you saturate the color by 10%, you get **006EDF**, and if you desaturate by 10%, it is **1679DF**.

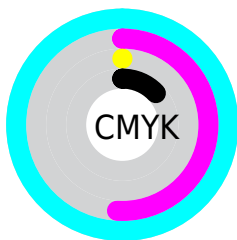
Distribution



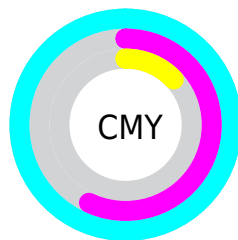
- Red (0%)
- Green (43%)
- Blue (87%)



- Red (0%)
- Yellow (29%)
- Blue (87%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (57%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006EDF 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 006EDF by changing the saturation by 10% instead.

006EDF

006EDF

FFFFFF

0056C3

68A1FF

0040A7

89BCFF

002B8C

A8D7FF

001972

C8F3FF

000758

E7FFFF

000740

000329

000113

000000

■ 006EDF

■ 1679DF

■ 2D85DF

■ 4390DF

■ 599BDF

■ 70A7DF

■ 86B2DF

■ 9CBDDF

■ B2C8DF

■ C9D4DF

Harmonies

Analogous

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



007FDF



006EDF



9653C1

Triad

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



006EDF



C34920



008852

Complementary

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



006EDF



DF7100

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.



238213



006EDF



9F6400

Square

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



006EDF



D32E57



6E7700



008A8D

Rectangle

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



006EDF



BB3DA1



6E7700



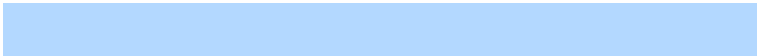
00873E

Sweetspot

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



006EDF



B3D8FF



00DF70



526880



000000



808080

Same Dimension

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



006EDF



007EFF



0000DF



656B70



0057B0



001830

Inverse Universe

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



DF006E



FF007E



DFDF00



70656B



B00057



300018

Previews

White Background



This preview shows how the Hex color 006EDF looks on a white background.

Color Contrast Check

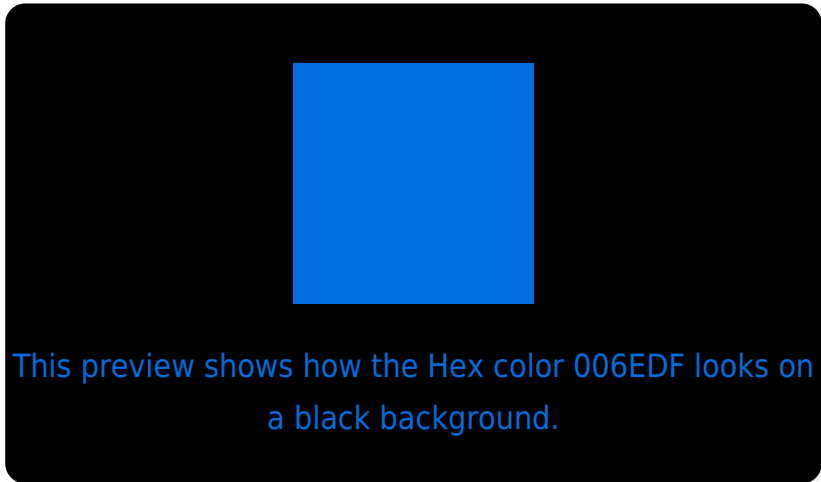
Large Text (above 18pt) WCAG AA ✓ Pass

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

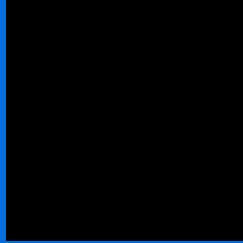
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

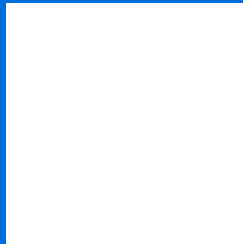
Any Text WCAG AAA × Fail

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

Hex 006EDF Background



This preview shows how black text looks on a background with the Hex color 006EDF.

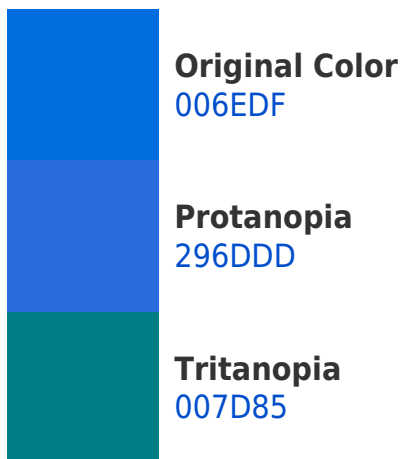


This preview shows how white text looks on a background with the Hex color 006EDF.

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
006EDF

Protanomaly
1A6DDE

Tritanomaly
0078A6

Monochromacy



Original Color
006EDF

Achromatopsia
5A5A5A

Achromatomaly
39618A

CSS Examples

Text

The CSS property to change the color of the text to Hex 006EDF 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 #006EDF looks like.

```
.text, #text, p{  
    color:#006EDF  
}
```

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 #006EDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006EDF
}
```

Border

The CSS property to change the border of an element to Hex 006EDF 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
#006EDF }
```

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

```
.border{ border-color:#006EDF }
```

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

Here you see how a box with a 4 pixel #006EDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006EDF; -webkit-box-shadow:4px 4px  
4px 4px #006EDF; box-shadow:4px 4px 4px  
4px #006EDF }
```

Background

The CSS property to change the background color of an element to Hex 006EDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006EDF }
```

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

```
.background{ background-color:#006EDF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor