

Converting Colors

Hex(007EF6)

Have a look what the booklet for
Hex(007EF6) contains.

Hex(007EF6)	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(007EF6)

Conversions

Conversions Part 1

Format	Color
Hex	007EF6
RGB	0, 126, 246
RGB Percent	0%, 49%, 96%
CMY	1.0000, 0.5059, 0.0353
CMYK	1.00, 0.49, 0.00, 0.04
HSL	209°, 100%, 48%
HSV	209°, 100%, 96%
XYZ	24.0954, 21.5755, 90.0833
YIQ	102.0060, -113.6160, 10.6080

Conversions

Conversions Part 2

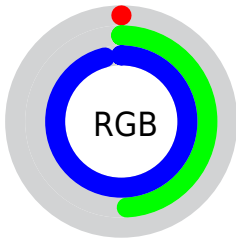
Format	Color
R _Y B	0, 83, 246
Decimal	32502
CIE Lab	53.57, 16.56, -67.80
CIE LCh	54, 69.794, 283.726
Yxy	21.5755, 0.1775, 0.1589
Android (android.graphics.Color)	4278222582 (0xFF007EF6)
YUV	102.0060, 70.9890, -89.4593
Hunter-Lab	46.4495, 11.3093, -82.4714

Details

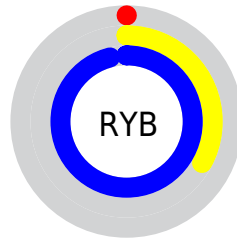
The Hex color **007EF6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F67800**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6EB2FF**, and **004EBD** is the 20% darker color. If you saturate the color by 10%, you get **007EF6**, and if you desaturate by 10%, it is **198AF6**.

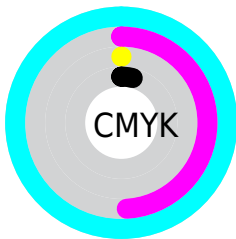
Distribution



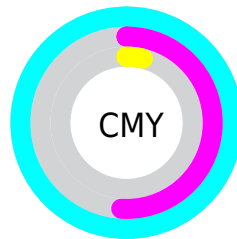
- Red (0%)
- Green (49%)
- Blue (96%)



- Red (0%)
- Yellow (33%)
- Blue (96%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (51%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007EF6 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 007EF6 by changing the saturation by 10% instead.

 007EF6

 007EF6

FFFFFF

 0066D9

 6EB2FF

 004EBD

 90CDFF

 0039A1

 B0E9FF

 002586

 D0FFFF

 00116C

 F0FFFF

 000B53

 00063B

 000224

 00000C

 007EF6

 198AF6

 3196F6

 4AA2F6

 62AEF6

 7BBAF6

 94C6F6

 ACD2F6

 C5DEF6

 DDEAF6

Harmonies

Analogous

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



0090F4



007EF6



A462D8

Triad

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



007EF6



DA552E



00995C

Complementary

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



007EF6



F67800

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.



37921B



007EF6



B57100

Square

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



007EF6



E93C67



818600



009B9B

Rectangle

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



007EF6



CD4DB6



818600



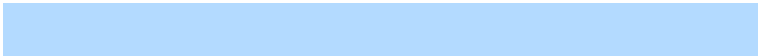
009747

Sweetspot

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



007EF6



B3DAFF



00F677



526980



000000



808080

Same Dimension

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



007EF6



0083FF



0004F6



6E747A



005FBA



001E3B

Inverse Universe

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



F6007E



FF0083



F6F200



7A6E74



BA005F



3B001E

Previews

White Background



This preview shows how the Hex color 007EF6 looks on a white background.

Color Contrast Check

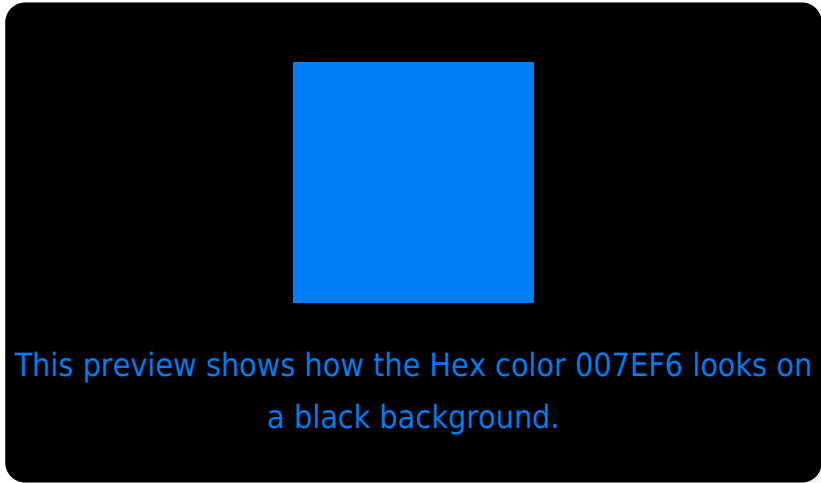
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

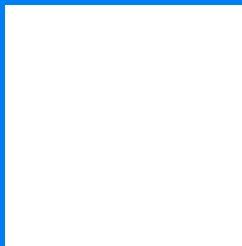
Any Text WCAG AAA × Fail

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

Hex 007EF6 Background



This preview shows how black text looks on a background with the Hex color 007EF6.



This preview shows how white text looks on a background with the Hex color 007EF6.

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





Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007EF6 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 #007EF6 looks like.

```
.text, #text, p{  
    color:#007EF6  
}
```

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 #007EF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007EF6
}
```

Border

The CSS property to change the border of an element to Hex 007EF6 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
#007EF6 }
```

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

```
.border{ border-color:#007EF6 }
```

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

Here you see how a box with a 4 pixel #007EF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007EF6; -webkit-box-shadow:4px 4px  
4px 4px #007EF6; box-shadow:4px 4px 4px  
4px #007EF6 }
```

Background

The CSS property to change the background color of an element to Hex 007EF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007EF6 }
```

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

```
.background{ background-color:#007EF6 }
```

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