

Converting Colors

Hex(007EFC)

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

Hex(007EFC)	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(007EFC)

Conversions

Conversions Part 1

Format	Color
Hex	007EFC
RGB	0, 126, 252
RGB Percent	0%, 49%, 99%
CMY	1.0000, 0.5059, 0.0118
CMYK	1.00, 0.50, 0.00, 0.01
HSL	210°, 100%, 49%
HSV	210°, 100%, 99%
XYZ	25.0315, 21.9500, 95.0129
YIQ	102.6900, -115.5420, 12.4740

Conversions

Conversions Part 2

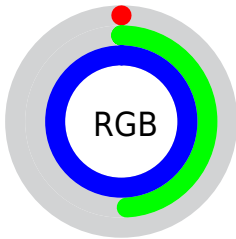
Format	Color
RYB	0, 84, 252
Decimal	32508
CIELab	53.97, 18.88, -70.47
CIElCh	54, 72.960, 284.999
Yxy	21.9500, 0.1763, 0.1546
Android (android.graphics.Color)	4278222588 (0xFF007EFC)
YUV	102.6900, 73.6098, -90.0591
Hunter-Lab	46.8508, 13.3804, -87.4439

Details

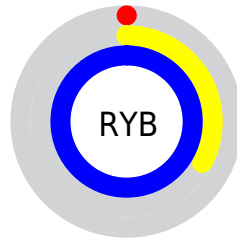
The Hex color **007EFC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **FC7E00**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **70B2FF**, and **004EC2** is the 20% darker color. If you saturate the color by 10%, you get **007EFC**, and if you desaturate by 10%, it is **198BFC**.

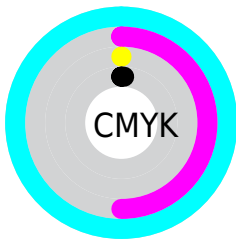
Distribution



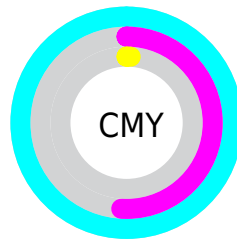
- Red (0%)
- Green (49%)
- Blue (99%)



- Red (0%)
- Yellow (33%)
- Blue (99%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (51%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 007EFC

 007EFC

FFFFFF

 0066DF

 70B2FF

 004EC2

 92CDFF

 0039A7

 B2E9FF

 00258B

 D2FFFF

 001271

 F2FFFF

 000C58

 00073F

 000328

 000112

 007EFC

 198BFC

 3297FC

 4CA4FC

 65B0FC

 7EBDFC

 97CAFC

 B0D6FC

 CAE3FC

 E3EFFC

Harmonies

Analogous

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



0091FC



007EFC



AA60DB

Triad

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



007EFC



DD5428



009B5E

Complementary

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



007EFC



FC7E00

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.



2C9518



007EFC



B67300

Square

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



007EFC



EF3764



7F8800



009DA0

Rectangle

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



007EFC



D348B7



7F8800



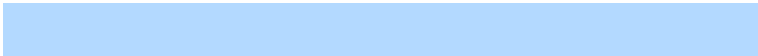
009948

Sweetspot

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



007EFC



B3D9FF



00FC7E



526980



000000



808080

Same Dimension

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



007EFC



0080FF



0000FC



70777D



005EBD



001F3D

Inverse Universe

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



FC007E



FF0080



FCFC00



7D7077



BD005E



3D001F

Previews

White Background



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

Color Contrast Check

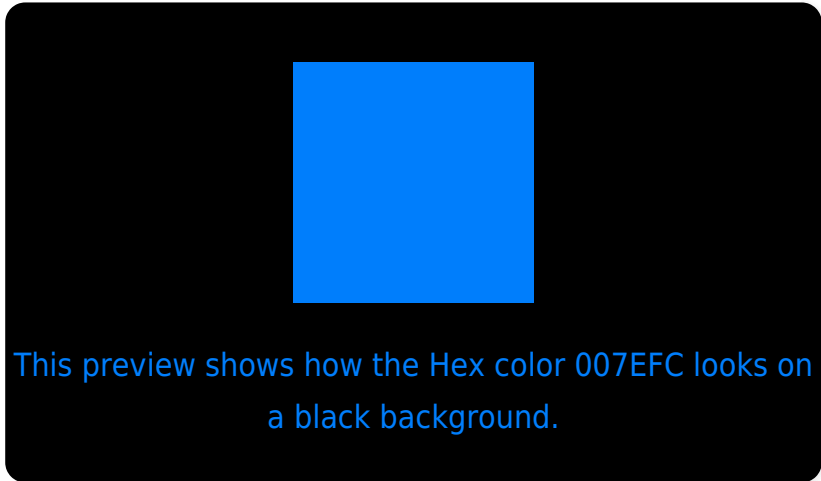
Large Text (above 18pt) WCAG AA ✓ Pass

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

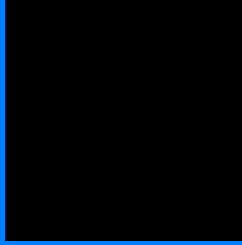
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

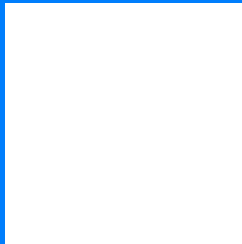
Any Text WCAG AAA × Fail

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

Hex 007EFC Background



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



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

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
008F98

Trichromacy



Original Color
007EFC

Protanomaly
217DFB

Deuteranomaly
0081ED

Tritanomaly
0089BC

Monochromacy



Original Color
007EFC

Achromatopsia
676767

Achromatomaly
426F9D

CSS Examples

Text

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

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

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 #007EFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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