

Converting Colors

Hex(007EF1)

Have a look what the booklet for
Hex(007EF1) contains.

Hex(007EF1)	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(007EF1)

Conversions

Conversions Part 1

Format	Color
Hex	007EF1
RGB	0, 126, 241
RGB Percent	0%, 49%, 95%
CMY	1.0000, 0.5059, 0.0549
CMYK	1.00, 0.48, 0.00, 0.05
HSL	209°, 100%, 47%
HSV	209°, 100%, 95%
XYZ	23.3380, 21.2726, 86.0951
YIQ	101.4360, -112.0110, 9.0530

Conversions

Conversions Part 2

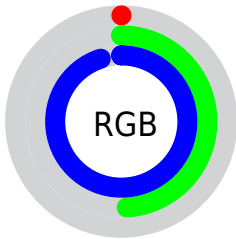
Format	Color
R _Y B	0, 83, 241
Decimal	32497
CIE Lab	53.25, 14.62, -65.55
CIE LCh	53, 67.162, 282.573
Yxy	21.2726, 0.1786, 0.1628
Android (android.graphics.Color)	4278222577 (0xFF007EF1)
YUV	101.4360, 68.8051, -88.9594
Hunter-Lab	46.1222, 9.6079, -78.3895

Details

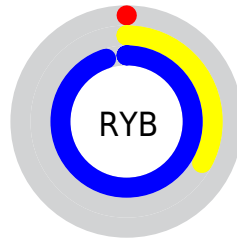
The Hex color **007EF1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F17300**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6DB2FF**, and **004EB8** is the 20% darker color. If you saturate the color by 10%, you get **007EF1**, and if you desaturate by 10%, it is **188AF1**.

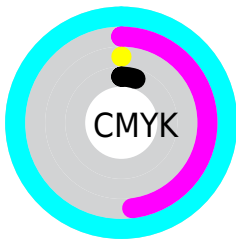
Distribution



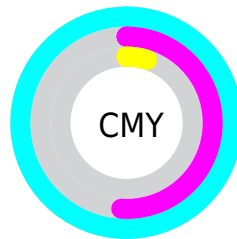
- Red (0%)
- Green (49%)
- Blue (95%)



- Red (0%)
- Yellow (33%)
- Blue (95%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (51%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007EF1 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 007EF1 by changing the saturation by 10% instead.

 007EF1

 007EF1

FFFFFF

 0066D4

 6DB2FF

 004EB8

 8ECDFF

 00399D

 AEE9FF

 002582

 CEFFFF

 001168

 EDFFFF

 000A4F

 000537

 000221

 000005

 007EF1

 188AF1

 3095F1

 48A1F1

 60ACF1

 78B8F1

 91C3F1

 A9CEF1

 C1DAF1

 D9E5F1

Harmonies

Analogous

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



008FEE



007EF1



9F64D5

Triad

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



007EF1



D85533



00975A

Complementary

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



007EF1



F17300

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.



3F911E



007EF1



B47000

Square

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



007EF1



E53F69



838400



009997

Rectangle

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



007EF1



C750B5



838400



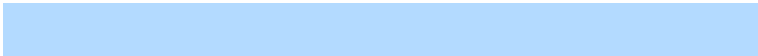
009546

Sweetspot

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



007EF1



B3DAFF



00F170



526A80



000000



808080

Same Dimension

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



007EF1



0085FF



0008F1



6C7278



0060B8



001D38

Inverse Universe

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



F1007E



FF0085



F1E900



786C72



B80060



38001D

Previews

White Background



This preview shows how the Hex color 007EF1 looks on a white background.

Color Contrast Check

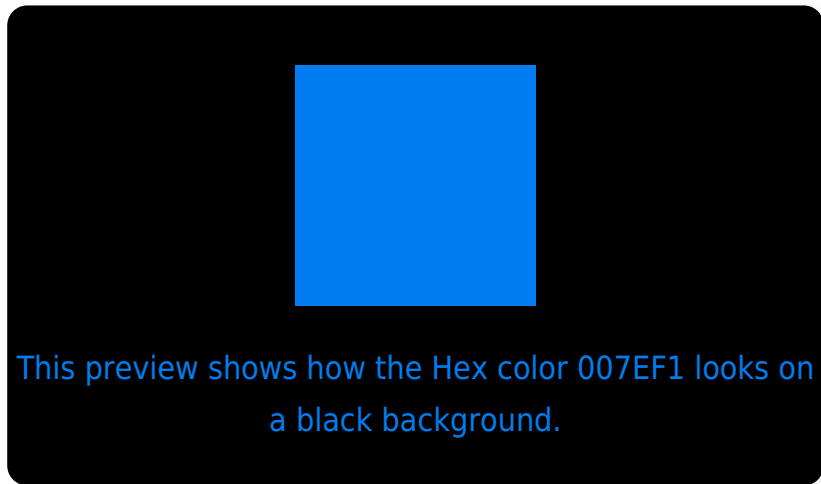
Large Text (above 18pt) WCAG AA ✓ Pass

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

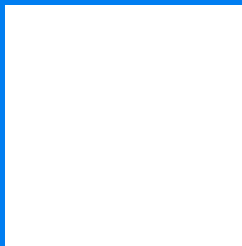
Any Text WCAG AAA × Fail

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

Hex 007EF1 Background



This preview shows how black text looks on a background with the Hex color 007EF1.



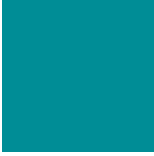
This preview shows how white text looks on a background with the Hex color 007EF1.

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](#).

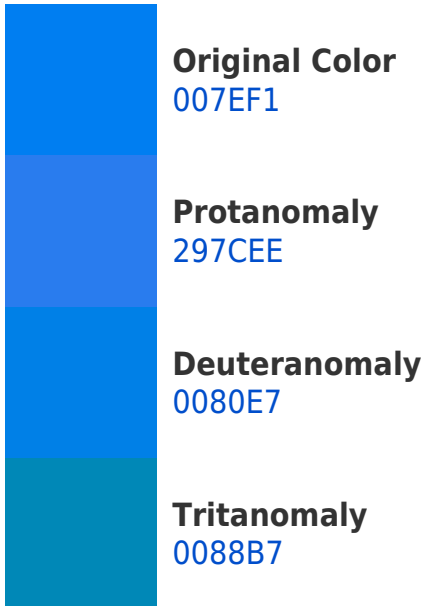
Dichromacy





Tritanopia
008D96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007EF1 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 #007EF1 looks like.

```
.text, #text, p{  
    color:#007EF1  
}
```

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 #007EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007EF1
}
```

Border

The CSS property to change the border of an element to Hex 007EF1 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
#007EF1 }
```

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

```
.border{ border-color:#007EF1 }
```

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

Here you see how a box with a 4 pixel #007EF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007EF1; -webkit-box-shadow:4px 4px  
4px 4px #007EF1; box-shadow:4px 4px 4px  
4px #007EF1 }
```

Background

The CSS property to change the background color of an element to Hex 007EF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007EF1 }
```

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

```
.background{ background-color:#007EF1 }
```

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