

Converting Colors

Hex(007EE7)

Have a look what the booklet for
Hex(007EE7) contains.

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Color

Hex(007EE7)

Conversions

Conversions Part 1

Format	Color
Hex	007EE7
RGB	0, 126, 231
RGB Percent	0%, 49%, 91%
CMY	1.0000, 0.5059, 0.0941
CMYK	1.00, 0.45, 0.00, 0.09
HSL	207°, 100%, 45%
HSV	207°, 100%, 91%
XYZ	21.8847, 20.6912, 78.4417
YIQ	100.2960, -108.8010, 5.9430

Conversions

Conversions Part 2

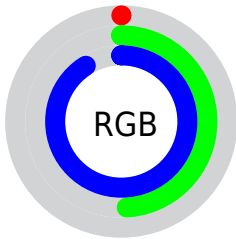
Format	Color
RYB	0, 82, 231
Decimal	32487
CIELab	52.61, 10.73, -61.00
CIELCh	53, 61.934, 279.972
Yxy	20.6912, 0.1808, 0.1710
Android (android.graphics.Color)	4278222567 (0xFF007EE7)
YUV	100.2960, 64.4371, -87.9596
Hunter-Lab	45.4876, 6.2753, -70.4020

Details

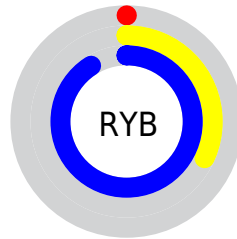
The Hex color **007EE7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E76900**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6AB2FF**, and **004EAF** is the 20% darker color. If you saturate the color by 10%, you get **007EE7**, and if you desaturate by 10%, it is **1788E7**.

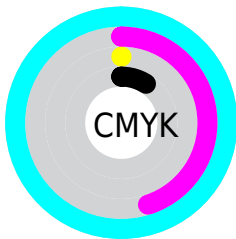
Distribution



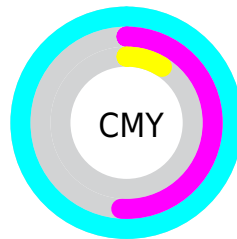
- Red (0%)
- Green (49%)
- Blue (91%)



- Red (0%)
- Yellow (32%)
- Blue (91%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007EE7 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 007EE7 by changing the saturation by 10% instead.

007EE7

007EE7

FFFFFF

0065CA

6AB2FF

004EAF

8BCDFF

003893

ABE9FF

002479

CAFFFF

000F60

E9FFFF

000847

00042F

00011A

000000

 007EE7

 1788E7

 2E93E7

 459DE7

 5CA8E7

 74B2E7

 8BBDE7

 A2C7E7

 B9D2E7

 D0DCE7

Harmonies

Analogous

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



008DE2



007EE7



9667D0

Triad

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



007EE7



D2563C



009457

Complementary

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



007EE7



E76900

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.



4B8D22



007EE7



B36E08

Square

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



007EE7



DC466E



868100



00968E

Rectangle

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



007EE7



BD56B4



868100



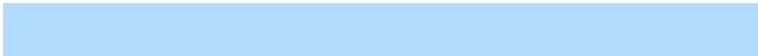
009245

Sweetspot

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



007EE7



B3DCFF



00E768



526B80



000000



808080

Same Dimension

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



007EE7



008BFF



000CE7



676E73



0061B3



001C33

Inverse Universe

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



E7007E



FF008B



E7DB00



73676E



B30061



33001C

Previews

White Background



This preview shows how the Hex color 007EE7 looks on a white background.

Color Contrast Check

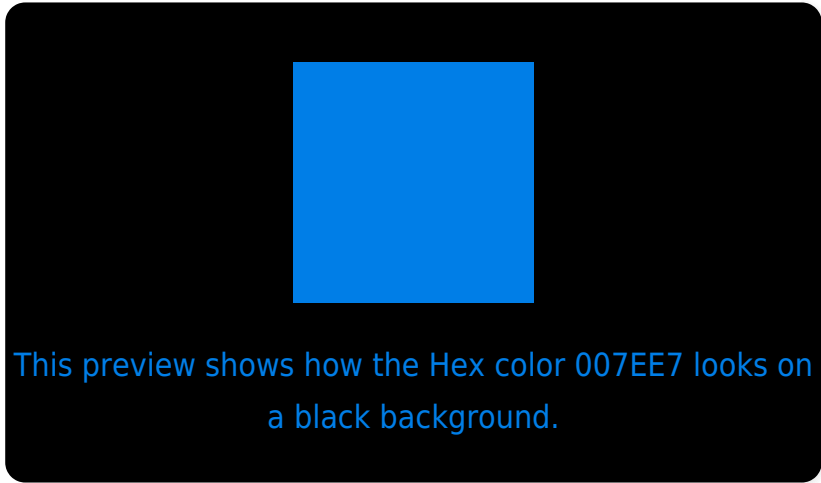
Large Text (above 18pt) WCAG AA ✓ Pass

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

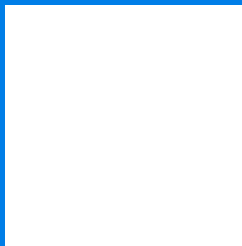
Any Text WCAG AAA × Fail

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

Hex 007EE7 Background



This preview shows how black text looks on a background with the Hex color 007EE7.



This preview shows how white text looks on a background with the Hex color 007EE7.

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](#).

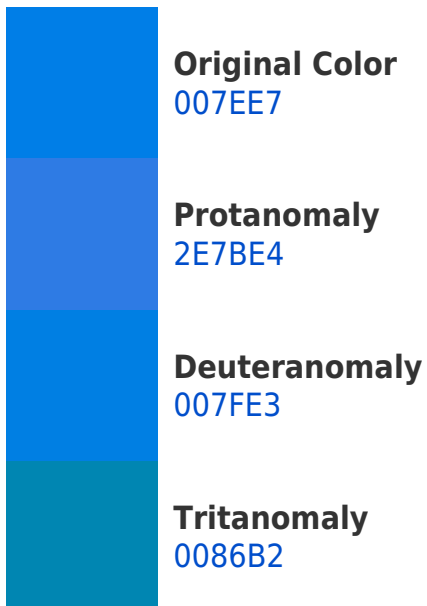
Dichromacy





Tritanopia
008B94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007EE7 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 #007EE7 looks like.

```
.text, #text, p{  
    color:#007EE7  
}
```

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 #007EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007EE7
}
```

Border

The CSS property to change the border of an element to Hex 007EE7 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
#007EE7 }
```

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

```
.border{ border-color:#007EE7 }
```

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

Here you see how a box with a 4 pixel #007EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007EE7; -webkit-box-shadow:4px 4px  
4px 4px #007EE7; box-shadow:4px 4px 4px  
4px #007EE7 }
```

Background

The CSS property to change the background color of an element to Hex 007EE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007EE7 }
```

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

```
.background{ background-color:#007EE7 }
```

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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