

Converting Colors

Hex(007EC0)

Have a look what the booklet for
Hex(007EC0) contains.

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Color

Hex(007EC0)

Conversions

Conversions Part 1

Format	Color
Hex	007EC0
RGB	0, 126, 192
RGB Percent	0%, 49%, 75%
CMY	1.0000, 0.5059, 0.2471
CMYK	1.00, 0.34, 0.00, 0.25
HSL	201°, 100%, 38%
HSV	201°, 100%, 75%
XYZ	16.9753, 18.7275, 52.5892
YIQ	95.8500, -96.2820, -6.1860

Conversions

Conversions Part 2

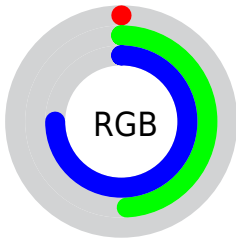
Format	Color
RYB	0, 76, 192
Decimal	32448
CIELab	50.37, -4.49, -42.49
CIELCh	50, 42.730, 263.972
Yxy	18.7275, 0.1923, 0.2121
Android (android.graphics.Color)	4278222528 (0xFF007EC0)
YUV	95.8500, 47.4019, -84.0604
Hunter-Lab	43.2753, -5.7128, -41.7581

Details

The Hex color **007EC0** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **C04200**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5FB2F9**, and **004E8A** is the 20% darker color. If you saturate the color by 10%, you get **007EC0**, and if you desaturate by 10%, it is **1385C0**.

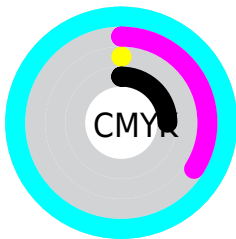
Distribution



- Red (0%)
- Green (49%)
- Blue (75%)



- Red (0%)
- Yellow (30%)
- Blue (75%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007EC0 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 007EC0 by changing the saturation by 10% instead.

 007EC0

 007EC0


FFFFFF

 0065A5

 5FB2F9

 004E8A

 7FCEFF

 003770

 9DEAFF

 002257

 BBFFFF

 000940

 DAFFFF

 000329

 F8FFFF

 000113

 000000

 007EC0

■ 1385C0

■ 268BC0

■ 3A92C0

■ 4D98C0

■ 609FC0

■ 73A6C0

■ 86ACC0

■ 9AB3C0

■ ADB9C0

Harmonies

Analogous

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



0086B2



007EC0



6E71BA

Triad

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



007EC0



BB5A5C



43864B

Complementary

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



007EC0



C04200

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.



707F32



007EC0



AD663E

Square

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



007EC0



B75981



93732D



008A6F

Rectangle

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



007EC0



9067AD



93732D



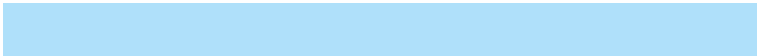
548441

Sweetspot

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



007EC0



AFE0FA



00C040



506D7D



FCFCFC



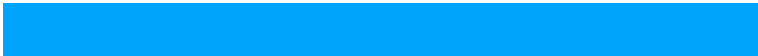
7D7D7D

Same Dimension

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



007EC0



00A4FA



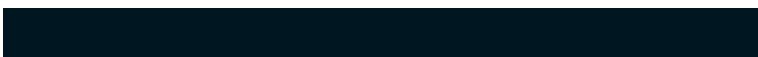
0020C0



575E61



0069A1



001621

Inverse Universe

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



C0007E



FA00A4



C0A000



61575E



A10069



210016

Previews

White Background



This preview shows how the Hex color 007EC0 looks on a white background.

Color Contrast Check

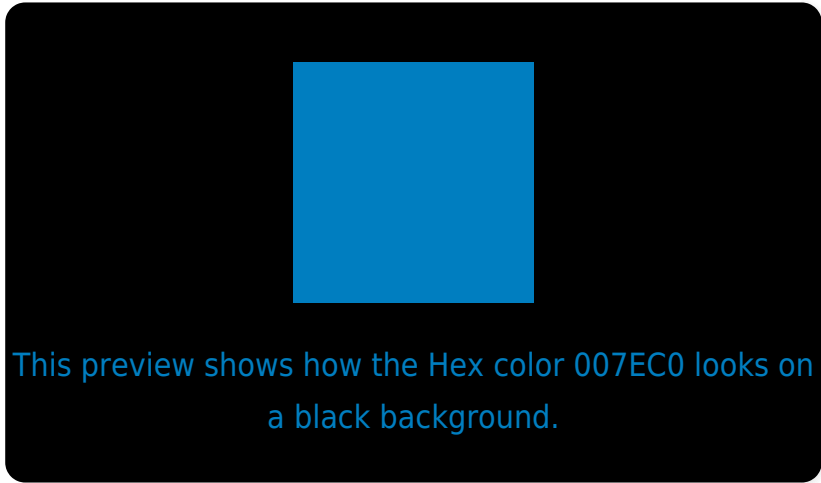
Large Text (above 18pt) WCAG AA ✓ Pass

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 007EC0 Background



This preview shows how black text looks on a background with the Hex color 007EC0.



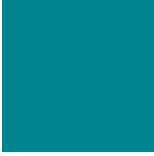
This preview shows how white text looks on a background with the Hex color 007EC0.

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](#).

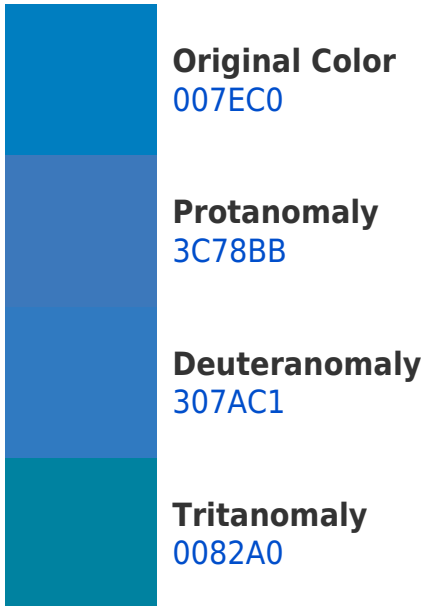
Dichromacy





Tritanopia
00858E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007EC0 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 #007EC0 looks like.

```
.text, #text, p{  
    color:#007EC0  
}
```

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 #007EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007EC0
}
```

Border

The CSS property to change the border of an element to Hex 007EC0 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
#007EC0 }
```

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

```
.border{ border-color:#007EC0 }
```

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

Here you see how a box with a 4 pixel #007EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007EC0; -webkit-box-shadow:4px 4px  
4px 4px #007EC0; box-shadow:4px 4px 4px  
4px #007EC0 }
```

Background

The CSS property to change the background color of an element to Hex 007EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007EC0 }
```

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

```
.background{ background-color:#007EC0 }
```

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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