

# Converting Colors

Hex(007EC3)

Have a look what the booklet for  
Hex(007EC3) contains.

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# Color

Hex(007EC3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007EC3
RGB	0, 126, 195
RGB Percent	0%, 49%, 76%
CMY	1.0000, 0.5059, 0.2353
CMYK	1.00, 0.35, 0.00, 0.24
HSL	201°, 100%, 38%
HSV	201°, 100%, 76%
XYZ	17.3112, 18.8618, 54.3581
YIQ	96.1920, -97.2450, -5.2530

# Conversions

## Conversions Part 2

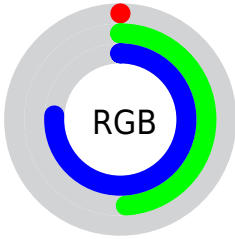
Format	Color
<a href="#">RYB</a>	0, 77, 195
Decimal	32451
CIELab	50.53, -3.32, -43.96
CIELCh	51, 44.086, 265.675
Yxy	18.8618, 0.1912, 0.2083
Android (android.graphics.Color)	4278222531 (0xFF007EC3)
YUV	96.1920, 48.7123, -84.3604
Hunter-Lab	43.4302, -4.8532, -43.8073

# Details

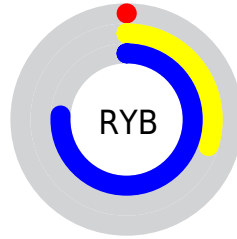
The Hex color **007EC3** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **C34500**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **60B2FC**, and **004E8D** is the 20% darker color. If you saturate the color by 10%, you get **007EC3**, and if you desaturate by 10%, it is **1385C3**.

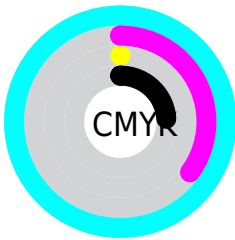
# Distribution



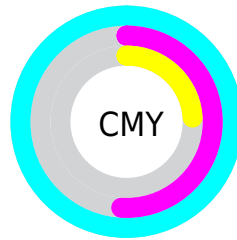
- Red (0%)
- Green (49%)
- Blue (76%)



- Red (0%)
- Yellow (30%)
- Blue (76%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (51%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007EC3 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 007EC3 by changing the saturation by 10% instead.



 007EC3

 007EC3

FFFFFF

 0065A8

 60B2FC

 004E8D

 80CEFF

 003773

 9EEAFF

 00235A

 BDFFFF

 000B42

 DBFFFF

 00032B

 F9FFFF

 000115

 000000

 007EC3

■ 1385C3

■ 278CC3

■ 3B93C3

■ 4E9AC3

■ 62A0C3

■ 75A7C3

■ 88AEC3

■ 9CB5C3

■ B0BCC3

# Harmonies

## Analogous

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



0087B6



007EC3



7171BC

# Triad

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



007EC3



BD5A5A



3E874C

# Complementary

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



007EC3



C34500

# 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.



6D8031



007EC3



AE663B

# Square

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



007EC3



BA587F



92742A



008B71

# Rectangle

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



007EC3



9466AD



92742A



508541

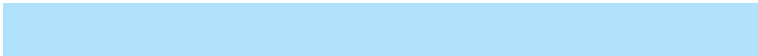


# Sweetspot

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



007EC3



B1E2FC



00C344



526F80



000000



808080

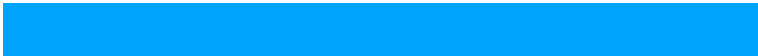


# Same Dimension

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



007EC3



00A3FC



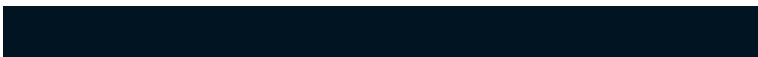
001DC3



575D61



0068A1



001521



# Inverse Universe

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



C3007E



FC00A3



C3A600



61575D



A10068



210015



# Previews

## White Background



This preview shows how the Hex color 007EC3 looks on a white background.

## Color Contrast Check

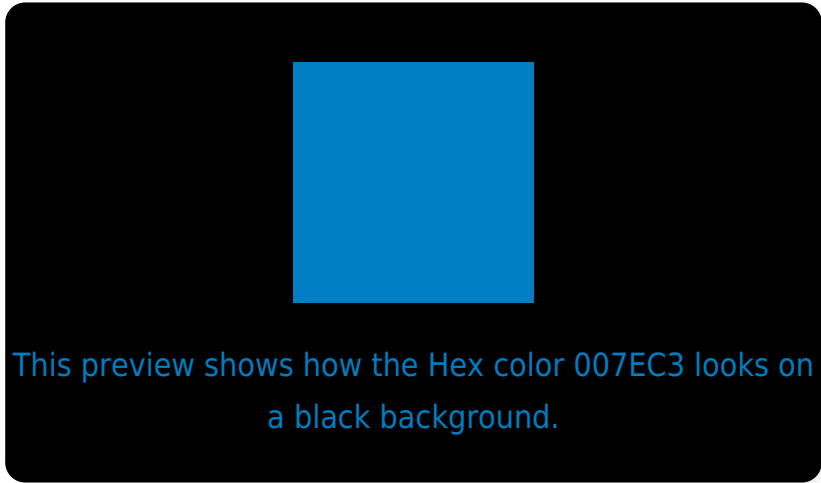
Large Text (above 18pt) WCAG AA ✓ Pass

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

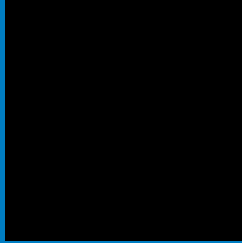
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 007EC3 Background



This preview shows how black text looks on a background with the Hex color 007EC3.

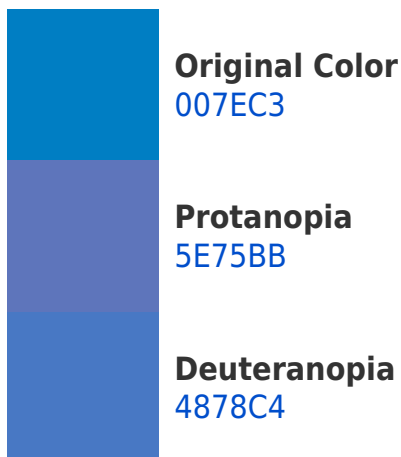


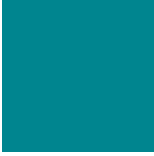
This preview shows how white text looks on a background with the Hex color 007EC3.

# 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**  
00858F

# Trichromacy



**Original Color**  
007EC3

**Protanomaly**  
3C78BE

**Deuteranomaly**  
2E7AC4

**Tritanomaly**  
0082A2

# Monochromacy



**Original Color**  
007EC3

**Achromatopsia**  
606060

**Achromatomaly**  
3D6B84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007EC3 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 #007EC3 looks like.

```
.text, #text, p{  
    color:#007EC3  
}
```

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 #007EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007EC3
}
```

## Border

The CSS property to change the border of an element to Hex 007EC3 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
#007EC3 }
```

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

```
.border{ border-color:#007EC3 }
```

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

Here you see how a box with a 4 pixel #007EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007EC3; -webkit-box-shadow:4px 4px  
4px 4px #007EC3; box-shadow:4px 4px 4px  
4px #007EC3 }
```

# Background

The CSS property to change the background color of an element to Hex 007EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007EC3 }
```

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

```
.background{ background-color:#007EC3 }
```

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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