

Converting Colors

Hex(007EB7)

Have a look what the booklet for
Hex(007EB7) contains.

Hex(007EB7)	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>	28

Color

Hex(007EB7)

Conversions

Conversions Part 1

Format	Color
Hex	007EB7
RGB	0, 126, 183
RGB Percent	0%, 49%, 72%
CMY	1.0000, 0.5059, 0.2824
CMYK	1.00, 0.31, 0.00, 0.28
HSL	199°, 100%, 36%
HSV	199°, 100%, 72%
XYZ	16.0081, 18.3406, 47.4961
YIQ	94.8240, -93.3930, -8.9850

Conversions

Conversions Part 2

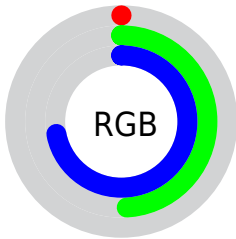
Format	Color
RYB	0, 75, 183
Decimal	32439
CIELab	49.91, -7.96, -38.05
CIELCh	50, 38.871, 258.189
Yxy	18.3406, 0.1956, 0.2241
Android (android.graphics.Color)	4278222519 (0xFF007EB7)
YUV	94.8240, 43.4708, -83.1606
Hunter-Lab	42.8259, -8.2231, -35.7774

Details

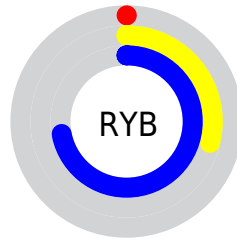
The Hex color **007EB7** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B73900**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5DB2EF**, and **004D82** is the 20% darker color. If you saturate the color by 10%, you get **007EB7**, and if you desaturate by 10%, it is **1284B7**.

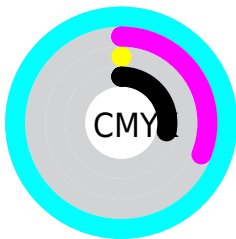
Distribution



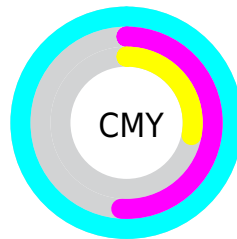
- Red (0%)
- Green (49%)
- Blue (72%)



- Red (0%)
- Yellow (29%)
- Blue (72%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (51%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007EB7 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 007EB7 by changing the saturation by 10% instead.

 007EB7

 007EB7

FFFFFF

 00659C

 5DB2EF

 004D82

 7CCEFF

 003768

 9AEAFF

 002250

 B8FFFF

 000539

 D6FFFF

 000222

 F5FFFF

 000008

 000000

 007EB7

 1284B7

 2589B7

 378FB7

 4995B7

 5C9AB7

 6EA0B7

 80A6B7

 92ACB7

 A5B1B7

Harmonies

Analogous

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



0085A7



007EB7



6473B5

Triad

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



007EB7



B55C64



518349

Complementary

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



007EB7



B73900

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.



777B35



007EB7



AC6447

Square

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



007EB7



AD5C85



957035



0F8768

Rectangle

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



007EB7



856AAB



957035



5E8141

Sweetspot

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



007EB7



A6D7ED



00B737



4D6A78



F7F7F7



787878

Same Dimension

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



007EB7



00A3ED



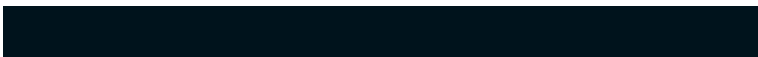
0025B7



53595C



006B9C



00131C

Inverse Universe

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



B7007E



ED00A3



B79200



5C5359



9C006B



1C0013

Previews

White Background



This preview shows how the Hex color 007EB7 looks on a white background.

Color Contrast Check

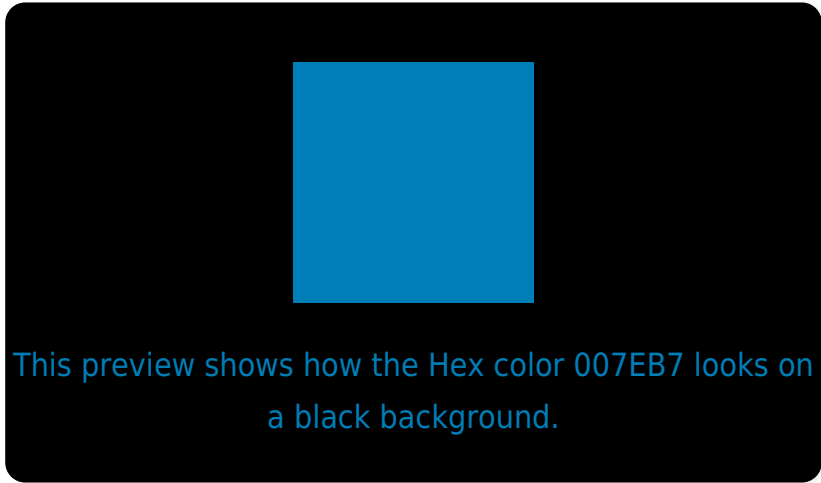
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 007EB7 Background



This preview shows how black text looks on a background with the Hex color 007EB7.



This preview shows how white text looks on a background with the Hex color 007EB7.

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



Trichromacy



Original Color
007EB7

Protanomaly
3F78B2

Deuteranomaly
3579B8

Monochromacy



Original Color
007EB7

Achromatopsia
5F5F5F

Achromatomaly
3C6A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 007EB7 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 #007EB7 looks like.

```
.text, #text, p{  
    color:#007EB7  
}
```

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 #007EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007EB7
}
```

Border

The CSS property to change the border of an element to Hex 007EB7 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
#007EB7 }
```

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

```
.border{ border-color:#007EB7 }
```

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

Here you see how a box with a 4 pixel #007EB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007EB7; -webkit-box-shadow:4px 4px  
4px 4px #007EB7; box-shadow:4px 4px 4px  
4px #007EB7 }
```

Background

The CSS property to change the background color of an element to Hex 007EB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007EB7 }
```

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

```
.background{ background-color:#007EB7 }
```

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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