

Converting Colors

Hex(007EBB)

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

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Color

Hex(007EBB)

Conversions

Conversions Part 1

Format	Color
Hex	007EBB
RGB	0, 126, 187
RGB Percent	0%, 49%, 73%
CMY	1.0000, 0.5059, 0.2667
CMYK	1.00, 0.33, 0.00, 0.27
HSL	200°, 100%, 37%
HSV	200°, 100%, 73%
XYZ	16.4305, 18.5096, 49.7204
YIQ	95.2800, -94.6770, -7.7410

Conversions

Conversions Part 2

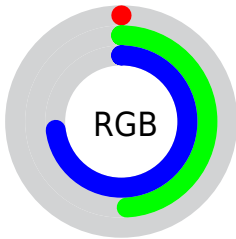
Format	Color
RYB	0, 75, 187
Decimal	32443
CIELab	50.11, -6.42, -40.03
CIELCh	50, 40.543, 260.891
Yxy	18.5096, 0.1941, 0.2186
Android (android.graphics.Color)	4278222523 (0xFF007EBB)
YUV	95.2800, 45.2180, -83.5606
Hunter-Lab	43.0227, -7.1202, -38.4042

Details

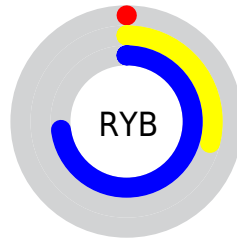
The Hex color **007EBB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **BB3D00**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5EB2F4**, and **004D85** is the 20% darker color. If you saturate the color by 10%, you get **007EBB**, and if you desaturate by 10%, it is **1384BB**.

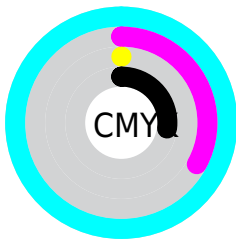
Distribution



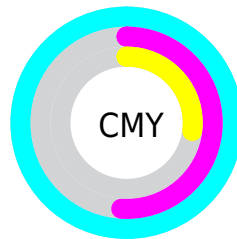
- Red (0%)
- Green (49%)
- Blue (73%)



- Red (0%)
- Yellow (29%)
- Blue (73%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 007EBB

 007EBB

FFFFFF

 0065A0

 5EB2F4

 004D85

 7DCEFF

 00376C

 9CEAFF

 002253

 BAFfff

 00073C

 D8FFFF

 000225

 F6FFFF

 00010E

 000000

 007EBB

 1384BB

 258ABB

 3890BB

 4B96BB

 5E9CBB

 70A3BB

 83A9BB

 96AFBB

 A8B5BB

Harmonies

Analogous

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



0085AC



007EBB



6872B8

Triad

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



007EBB



B85B61



4B844A

Complementary

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



007EBB



BB3D00

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.



747D34



007EBB



AC6543

Square

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



007EBB



B25B83



947231



00886B

Rectangle

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



007EBB



8A69AC



947231



5A8241

Sweetspot

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



007EBB



AADBFB



00BB3B



4E6C7A



FAFAFA



7A7A7A

Same Dimension

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



007EBB



00A3F2



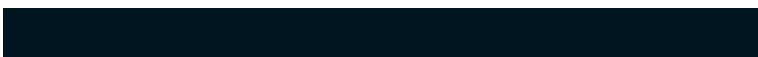
0022BB



555B5E



006B9E



00151F

Inverse Universe

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



BB007E



F200A3



BB9900



5E555B



9E006B



1F0015

Previews

White Background



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

Color Contrast Check

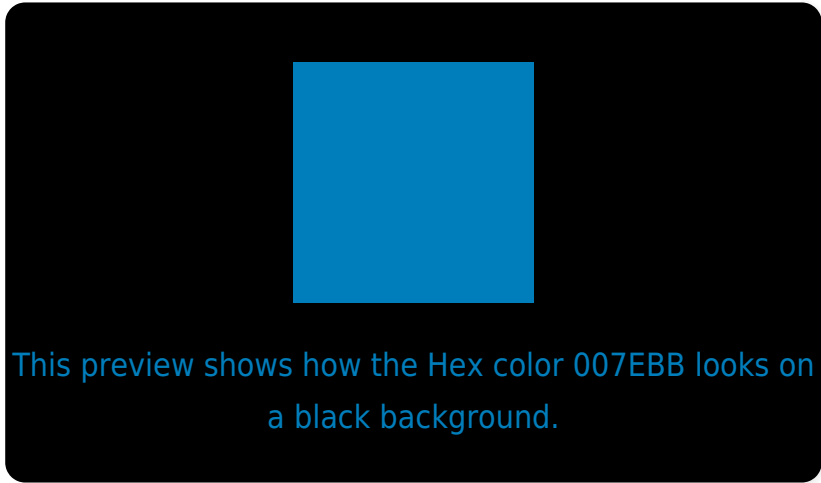
Large Text (above 18pt) WCAG AA ✓ Pass

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

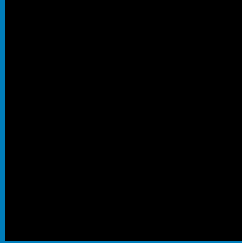
Any Text WCAG AA ✓ Pass

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 007EBB Background



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

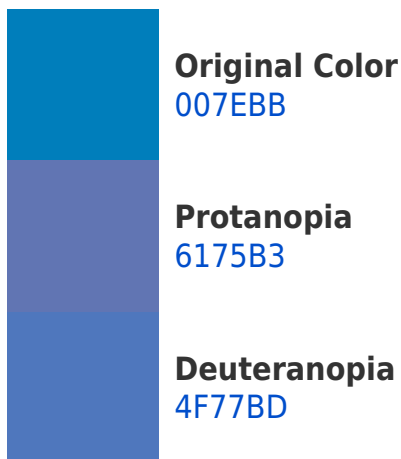


This preview shows how white text looks on a background with the Hex color 007EBB.

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
00848E

Trichromacy



Original Color
007EBB



Protanomaly
3E78B6



Deuteranomaly
327ABC



Tritanomaly
00829E

Monochromacy



Original Color
007EBB



Achromatopsia
5F5F5F



Achromatomaly
3C6A80

CSS Examples

Text

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

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

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 #007EBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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