

Converting Colors

Hex(007EAF)

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

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Color

Hex(007EAF)

Conversions

Conversions Part 1

Format	Color
Hex	007EAF
RGB	0, 126, 175
RGB Percent	0%, 49%, 69%
CMY	1.0000, 0.5059, 0.3137
CMYK	1.00, 0.28, 0.00, 0.31
HSL	197°, 100%, 34%
HSV	197°, 100%, 69%
XYZ	15.1987, 18.0169, 43.2340
YIQ	93.9120, -90.8250, -11.4730

Conversions

Conversions Part 2

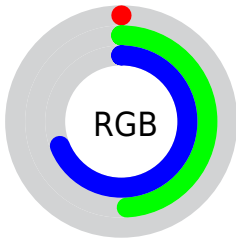
Format	Color
RYB	0, 73, 175
Decimal	32431
CIELab	49.52, -11.01, -34.04
CIELCh	50, 35.777, 252.078
Yxy	18.0169, 0.1988, 0.2357
Android (android.graphics.Color)	4278222511 (0xFF007EAF)
YUV	93.9120, 39.9764, -82.3608
Hunter-Lab	42.4463, -10.3655, -30.6779

Details

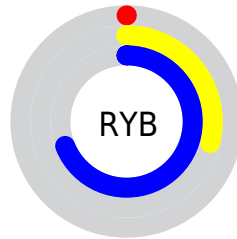
The Hex color **007EAF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AF3100**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5BB3E7**, and **004D7A** is the 20% darker color. If you saturate the color by 10%, you get **007EAF**, and if you desaturate by 10%, it is **1183AF**.

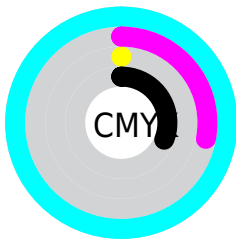
Distribution



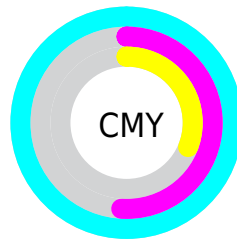
- Red (0%)
- Green (49%)
- Blue (69%)



- Red (0%)
- Yellow (29%)
- Blue (69%)



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



- Cyan (100%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients

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

007EAF

007EAF

FFFFFF

006594

5BB3E7

004D7A

7ACEFF

003761

98E AFF

002149

B6FFFF

000432

D4FFFF

00021C

F2FFFF

000000

007EAF

1183AF

■ 2388AF

■ 358DAF

■ 4692AF

■ 5896AF

■ 699BAF

■ 7AA0AF

■ 8CA5AF

■ 9EAAAF

Harmonies

Analogous

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



00849E



007EAF



5B75B1

Triad

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



007EAF



AF5D6B



5B8047

Complementary

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



007EAF



AF3100

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.



7C7839



007EAF



AA634E

Square

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



007EAF



A55F89



986E3C



2F8462

Rectangle

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



007EAF



7B6DA9



986E3C



677D41

Sweetspot

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



007EAF



9FD0E3



00AF2F



496773



F2F2F2



737373

Same Dimension

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



007EAF



00A3E3



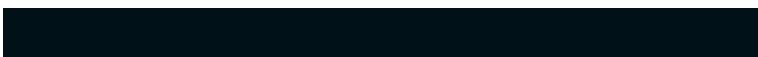
0029AF



4E5457



006C96



001117

Inverse Universe

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



AF007E



E300A3



AF8600



574E54



96006C



170011

Previews

White Background



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

Color Contrast Check

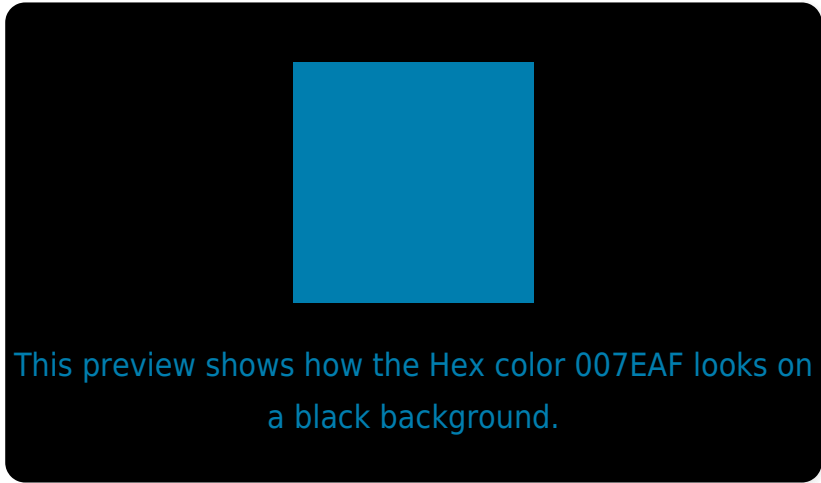
Large Text (above 18pt) WCAG AA ✓ Pass

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

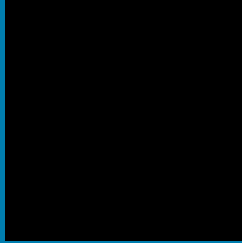
Any Text WCAG AA ✓ Pass

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 007EAF Background



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

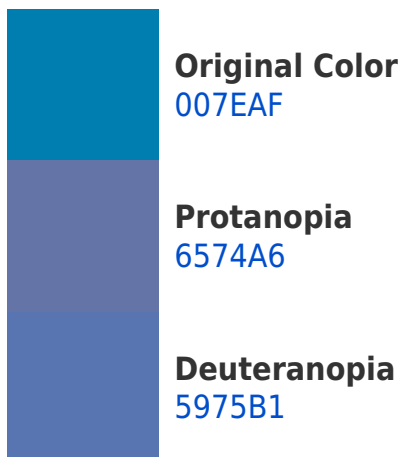


This preview shows how white text looks on a background with the Hex color 007EAF.

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](#).

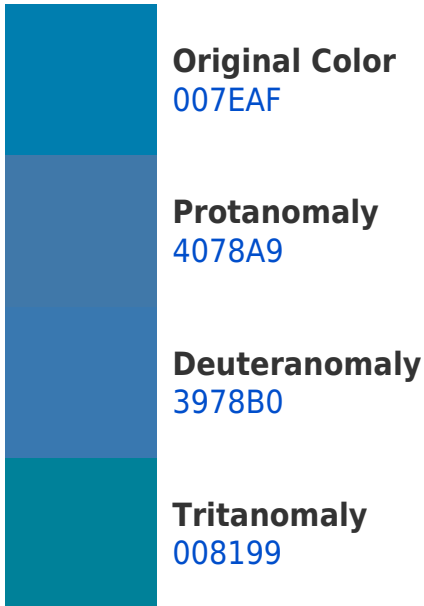
Dichromacy



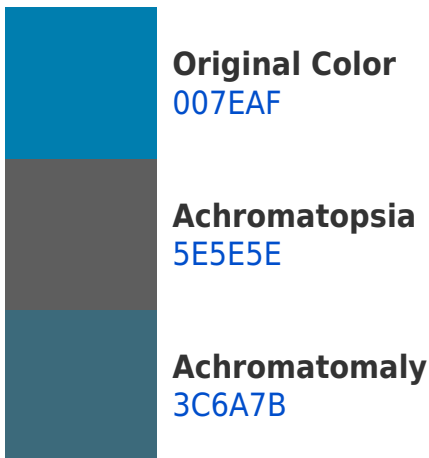


Tritanopia
00828C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #007EAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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