

Converting Colors

Hex(007EA1)

Have a look what the booklet for
Hex(007EA1) contains.

Hex(007EA1)	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>	29

Color

Hex(007EA1)

Conversions

Conversions Part 1

Format	Color
Hex	007EA1
RGB	0, 126, 161
RGB Percent	0%, 49%, 63%
CMY	1.0000, 0.5059, 0.3686
CMYK	1.00, 0.22, 0.00, 0.37
HSL	193°, 100%, 32%
HSV	193°, 100%, 63%
XYZ	13.8939, 17.4949, 36.3628
YIQ	92.3160, -86.3310, -15.8270

Conversions

Conversions Part 2

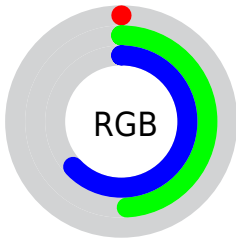
Format	Color
RYB	0, 71, 161
Decimal	32417
CIELab	48.88, -16.26, -26.90
CIELCh	49, 31.431, 238.857
Yxy	17.4949, 0.2051, 0.2582
Android (android.graphics.Color)	4278222497 (0xFF007EA1)
YUV	92.3160, 33.8612, -80.9611
Hunter-Lab	41.8269, -13.9038, -22.2657

Details

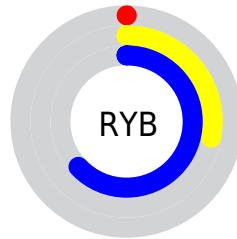
The Hex color **007EA1** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A12300**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **58B3D8**, and **004D6D** is the 20% darker color. If you saturate the color by 10%, you get **007EA1**, and if you desaturate by 10%, it is **1082A1**.

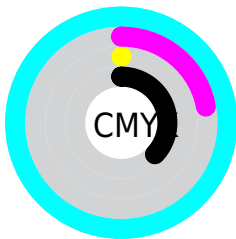
Distribution



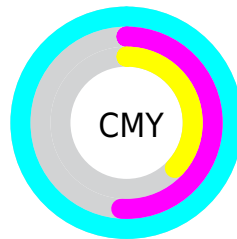
- Red (0%)
- Green (49%)
- Blue (63%)



- Red (0%)
- Yellow (28%)
- Blue (63%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007EA1 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 007EA1 by changing the saturation by 10% instead.

 007EA1

 007EA1

FFFFFF

 006587

 58B3D8

 004D6D

 76CEF4

 003655

 94EBFF

 00213D

 B1FFFF

 000328

 CFFFFFF

 000111

 EDFFFF

 000000

 007EA1

 1082A1

■ 2085A1

■ 3089A1

■ 408CA1

■ 5190A1

■ 6193A1

■ 7197A1

■ 819AA1

■ 919EA1

Harmonies

Analogous

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



00828D



007EA1



4977A9

Triad

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



007EA1



A55F76



6B7A44

Complementary

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



007EA1



A12300

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.



86723E



007EA1



A7615C

Square

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



007EA1



946490



9B6947



4B8058

Rectangle

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



007EA1



6871A6



9B6947



747841

Sweetspot

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



007EA1



92C3D1



00A123



436069



E8E8E8



696969

Same Dimension

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



007EA1



00A4D1



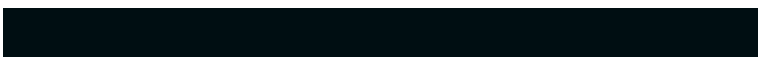
002EA1



495052



007291



000E12

Inverse Universe

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



A1007E



D100A4



A17300



524950



910072



12000E

Previews

White Background



This preview shows how the Hex color 007EA1 looks on a white background.

Color Contrast Check

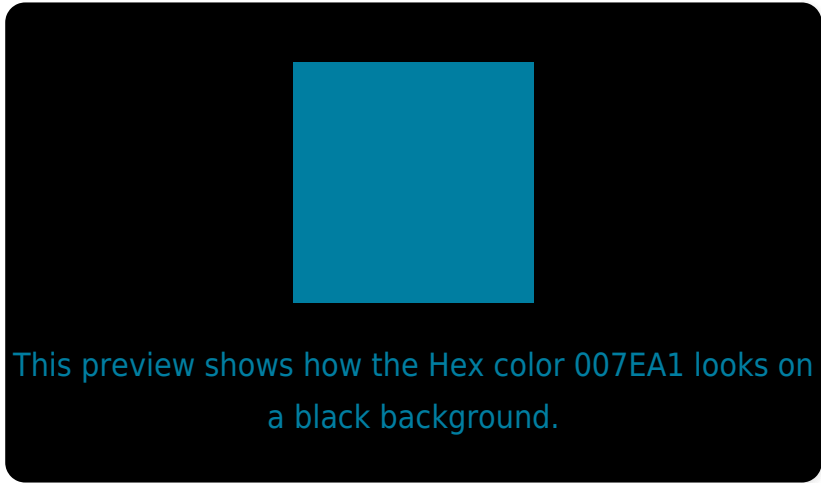
Large Text (above 18pt) WCAG AA ✓ Pass

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

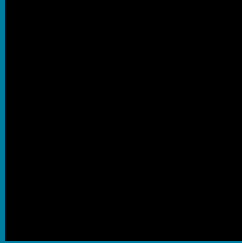
Any Text WCAG AA ✓ Pass

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 007EA1 Background



This preview shows how black text looks on a background with the Hex color 007EA1.

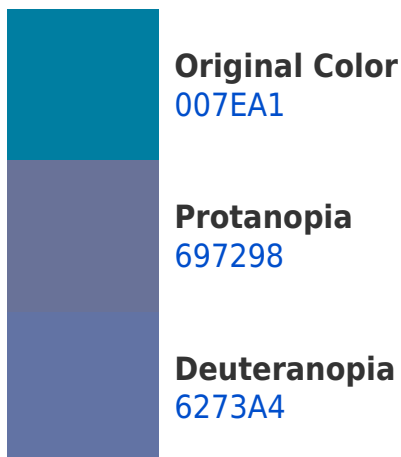


This preview shows how white text looks on a background with the Hex color 007EA1.

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
00818B

Trichromacy



Original Color
007EA1



Protanomaly
43769B



Deuteranomaly
3E77A3



Tritanomaly
008093

Monochromacy



Original Color
007EA1



Achromatopsia
5C5C5C



Achromatomaly
3B6875

CSS Examples

Text

The CSS property to change the color of the text to Hex 007EA1 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 #007EA1 looks like.

```
.text, #text, p{  
    color:#007EA1  
}
```

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 #007EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007EA1
}
```

Border

The CSS property to change the border of an element to Hex 007EA1 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
#007EA1 }
```

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

```
.border{ border-color:#007EA1 }
```

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

Here you see how a box with a 4 pixel #007EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007EA1; -webkit-box-shadow:4px 4px  
4px 4px #007EA1; box-shadow:4px 4px 4px  
4px #007EA1 }
```

Background

The CSS property to change the background color of an element to Hex 007EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007EA1 }
```

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

```
.background{ background-color:#007EA1 }
```

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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