

# Converting Colors

Hex(007CA3)

Have a look what the booklet for  
Hex(007CA3) contains.

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# Color

Hex(007CA3)

# Conversions

## Conversions Part 1

Format	Color
Hex	007CA3
RGB	0, 124, 163
RGB Percent	0%, 49%, 64%
CMY	1.0000, 0.5137, 0.3608
CMYK	1.00, 0.24, 0.00, 0.36
HSL	194°, 100%, 32%
HSV	194°, 100%, 64%
XYZ	13.8185, 17.0596, 37.2149
YIQ	91.3700, -86.4230, -14.1590

# Conversions

## Conversions Part 2

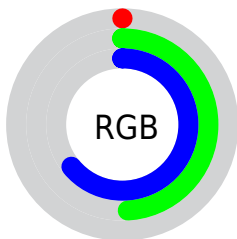
Format	Color
<a href="#">RYB</a>	<a href="#">0, 70, 163</a>
Decimal	<a href="#">31907</a>
CIELab	<a href="#">48.34, -14.39, -28.91</a>
CIELCh	<a href="#">48, 32.297, 243.533</a>
Yxy	<a href="#">17.0596, 0.2029, 0.2505</a>
Android (android.graphics.Color)	<a href="#">4278221987</a> ( <a href="#">0xFF007CA3</a> )
YUV	<a href="#">91.3700, 35.3136, -80.1315</a>
Hunter-Lab	<a href="#">41.3033, -12.5616, -24.5088</a>

# Details

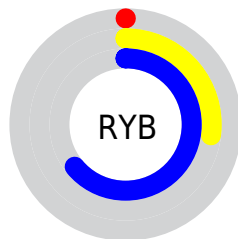
The Hex color **007CA3** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A32700**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **58B1DA**, and **004B6F** is the 20% darker color. If you saturate the color by 10%, you get **007CA3**, and if you desaturate by 10%, it is **1080A3**.

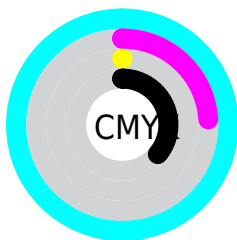
# Distribution



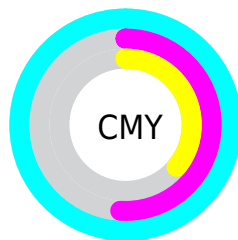
- Red (0%)
- Green (49%)
- Blue (64%)



- Red (0%)
- Yellow (27%)
- Blue (64%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (51%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007CA3 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 007CA3 by changing the saturation by 10% instead.



 007CA3

 007CA3

FFFFFF

 006389

 58B1DA

 004B6F

 77CCF7

 003456

 94E8FF

 00203F

 B2FFFF

 000329

 CFFFFFF

 000113

 EDFFFF

 000000

 007CA3

 1080A3

 2184A3

 3188A3

 418CA3

 5290A3

 6293A3

 7297A3

 829BA3

 939FA3

# Harmonies

## Analogous

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



008090



007CA3



4E74A9

# Triad

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



007CA3



A65D71



647A44

# Complementary

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



007CA3



A32700

# 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.



81723B



007CA3



A56056

# Square

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



007CA3



98618C



986942



427F5A

# Rectangle

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



007CA3



6D6EA5



986942



6E783F



# Sweetspot

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



007CA3



94C4D4



00A326



45626B



EBEBEB



6B6B6B



# Same Dimension

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



007CA3



00A1D4



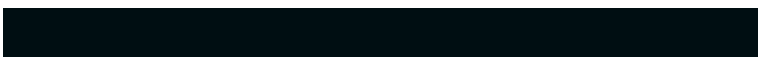
002BA3



495052



006F91



000E12



# Inverse Universe

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



A3007C



D400A1



A37800



524950



91006F



12000E



# Previews

## White Background



This preview shows how the Hex color 007CA3 looks on a white background.

### Color Contrast Check

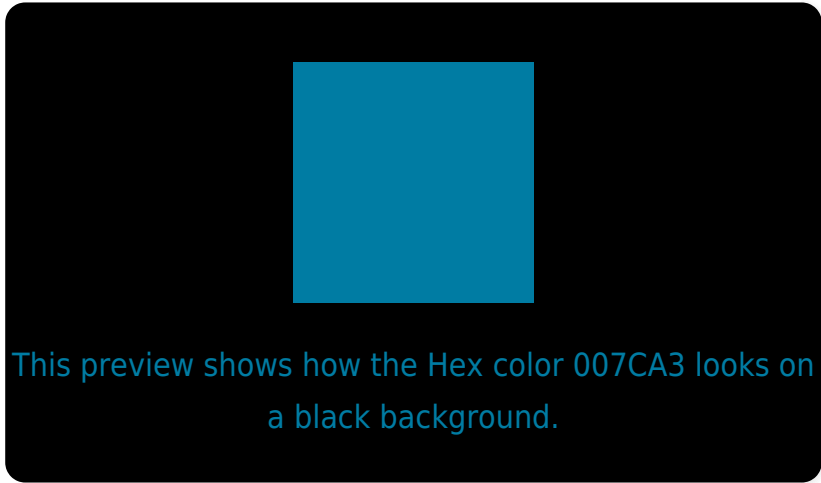
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

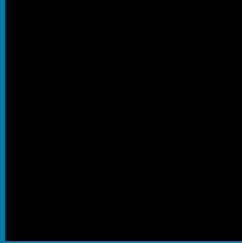
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007CA3 Background



This preview shows how black text looks on a background with the Hex color 007CA3.

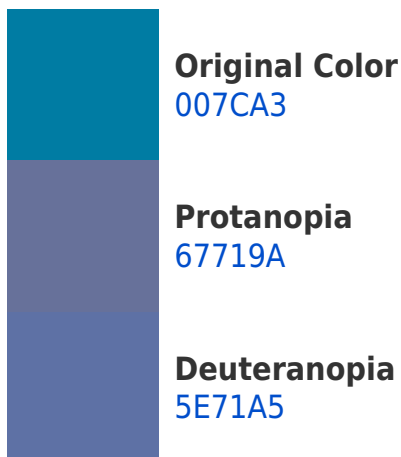


This preview shows how white text looks on a background with the Hex color 007CA3.

# 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**  
007F89

# Trichromacy



**Original Color**  
007CA3

**Protanomaly**  
42759D

**Deuteranomaly**  
3C75A4

**Tritanomaly**  
007E92

# Monochromacy



**Original Color**  
007CA3

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
3A6775

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007CA3 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 #007CA3 looks like.

```
.text, #text, p{  
    color:#007CA3  
}
```

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 #007CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007CA3  
}
```

## Border

The CSS property to change the border of an element to Hex 007CA3 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  
#007CA3 }
```

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

```
.border{ border-color:#007CA3 }
```

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

Here you see how a box with a 4 pixel #007CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007CA3; -webkit-box-shadow:4px 4px  
4px 4px #007CA3; box-shadow:4px 4px 4px  
4px #007CA3 }
```

# Background

The CSS property to change the background color of an element to Hex 007CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007CA3 }
```

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

```
.background{ background-color:#007CA3 }
```

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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