

# Converting Colors

Hex(007292)

Have a look what the booklet for  
Hex(007292) contains.

<b>Hex(007292)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(007292)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007292
RGB	0, 114, 146
RGB Percent	0%, 45%, 57%
CMY	1.0000, 0.5529, 0.4275
CMYK	1.00, 0.22, 0.00, 0.43
HSL	193°, 100%, 29%
HSV	193°, 100%, 57%
XYZ	11.2056, 14.1100, 29.3270
YIQ	83.5620, -78.2160, -14.2160

# Conversions

## Conversions Part 2

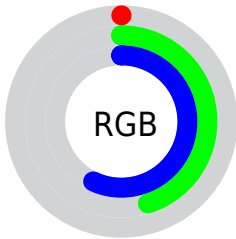
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 146
Decimal	29330
CIELab	44.39, -15.13, -25.04
CIELCh	44, 29.257, 238.856
Yxy	14.1100, 0.2051, 0.2582
Android (android.graphics.Color)	4278219410 (0xFF007292)
YUV	83.5620, 30.7819, -73.2839
Hunter-Lab	37.5632, -12.4866, -19.9957

# Details

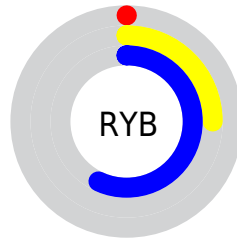
The Hex color **007292** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **922000**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **54A6C8**, and **00425F** is the 20% darker color. If you saturate the color by 10%, you get **007292**, and if you desaturate by 10%, it is **0F7592**.

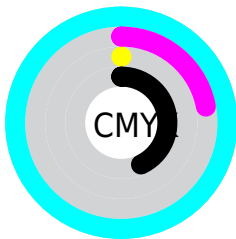
# Distribution



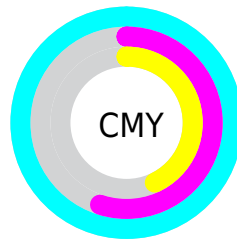
- Red (0%)
- Green (45%)
- Blue (57%)



- Red (0%)
- Yellow (25%)
- Blue (57%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (55%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007292 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 007292 by changing the saturation by 10% instead.



 007292

 007292

FFFFFF

 005978

 54A6C8

 00425F

 71C1E4

 002C47

 8EDDFF

 001931

 ABFAFF

 00011C

 C8FFFF

 000000

 E6FFFF

 007292

 0F7592

 1D7892

 2C7C92

 3A7F92

 498292

 588592

 668892

 758C92

 838F92

# Harmonies

## Analogous

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



007580



007292



426C99

# Triad

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



007292



96566B



606F3D

# Complementary

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



007292



922000

# 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.



796738



007292



975853

# Square

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



007292



875A82



8D5F40



43734F

# Rectangle

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



007292



5E6697



8D5F40



696C3A



# Sweetspot

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



007292



84B0BD



009220



3C575E



DEDEDE



5E5E5E



# Same Dimension

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



007292



0093BD



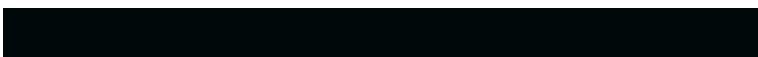
002992



43484A



006C8A



00080A



# Inverse Universe

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



920072



BD0093



926900



4A4348



8A006C



0A0008



# Previews

## White Background



This preview shows how the Hex color 007292 looks on a white background.

## Color Contrast Check

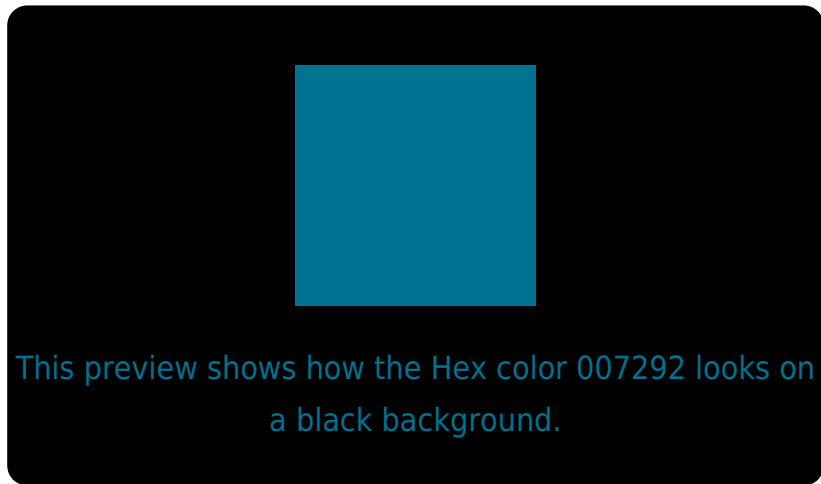
Large Text (above 18pt) WCAG AA ✓ Pass

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

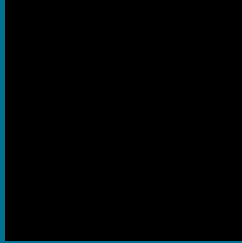
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007292 Background



This preview shows how black text looks on a background with the Hex color 007292.

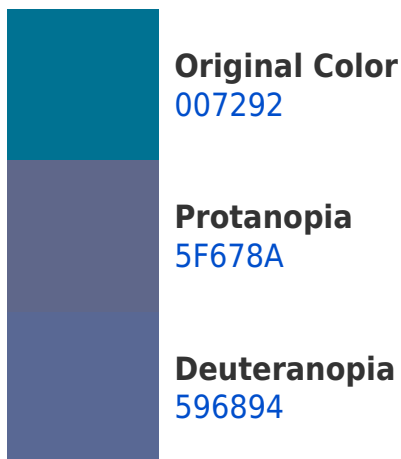


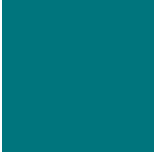
This preview shows how white text looks on a background with the Hex color 007292.

# 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**  
00757D

# Trichromacy



**Original Color**  
007292

**Protanomaly**  
3C6B8D

**Deuteranomaly**  
396C93

**Tritanomaly**  
007485

# Monochromacy



**Original Color**  
007292

**Achromatopsia**  
545454

**Achromatomaly**  
355F6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007292 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 #007292 looks like.

```
.text, #text, p{  
    color:#007292  
}
```

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 #007292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007292
}
```

## Border

The CSS property to change the border of an element to Hex 007292 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
#007292 }
```

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

```
.border{ border-color:#007292 }
```

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

Here you see how a box with a 4 pixel #007292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007292; -webkit-box-shadow:4px 4px  
4px 4px #007292; box-shadow:4px 4px 4px  
4px #007292 }
```

# Background

The CSS property to change the background color of an element to Hex 007292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007292 }
```

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

```
.background{ background-color:#007292 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor