

# Converting Colors

Hex(006290)

Have a look what the booklet for  
Hex(006290) contains.

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# Color

**Hex(006290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006290
RGB	0, 98, 144
RGB Percent	0%, 38%, 56%
CMY	1.0000, 0.6157, 0.4353
CMYK	1.00, 0.32, 0.00, 0.44
HSL	199°, 100%, 28%
HSV	199°, 100%, 56%
XYZ	9.4017, 10.7490, 27.9648
YIQ	73.9420, -73.1740, -6.4700

# Conversions

## Conversions Part 2

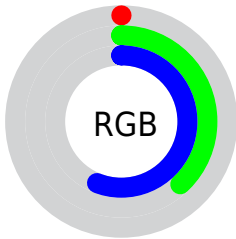
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 58, 144
Decimal	25232
CIELab	39.15, -6.50, -32.04
CIELCh	39, 32.688, 258.537
Yxy	10.7490, 0.1954, 0.2234
Android (android.graphics.Color)	4278215312 (0xFF006290)
YUV	73.9420, 34.5386, -64.8471
Hunter-Lab	32.7856, -6.1876, -27.6220

# Details

The Hex color **006290** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **902E00**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5294C6**, and **00345D** is the 20% darker color. If you saturate the color by 10%, you get **006290**, and if you desaturate by 10%, it is **0E6790**.

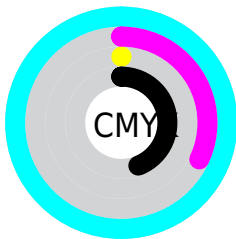
# Distribution



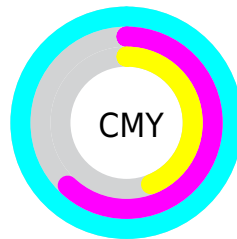
- Red (0%)
- Green (38%)
- Blue (56%)



- Red (0%)
- Yellow (23%)
- Blue (56%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (62%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006290 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 006290 by changing the saturation by 10% instead.



 006290

 006290

FFFFFF

 004A76

 5294C6

 00345D

 6FAFE2

 001F45

 8CCAFF

 00042F

 A8E7FF

 000119

 C5FFFF

 000000

 E3FFFF

 006290

 0E6790

■ 1D6B90

■ 2B7090

■ 3A7490

■ 487990

■ 567E90

■ 658290

■ 738790

■ 828B90

# Harmonies

## Analogous

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



006783



006290



4D598F

# Triad

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



006290



8E464D



3D6638

# Complementary

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



006290



902E00

# 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.



5C6028



006290



874D35

# Square

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



006290



884768



755727



076951

# Rectangle

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



006290



685286



755727



486431



# Sweetspot

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



006290



82A8BA



00902E



3C535E



DEDEDE



5E5E5E



# Same Dimension

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



006290



007FBA



001A90



404547



005C87



000508



# Inverse Universe

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



900062



BA007F



907600



474045



87005C



080005



# Previews

## White Background



This preview shows how the Hex color 006290 looks on a white background.

## Color Contrast Check

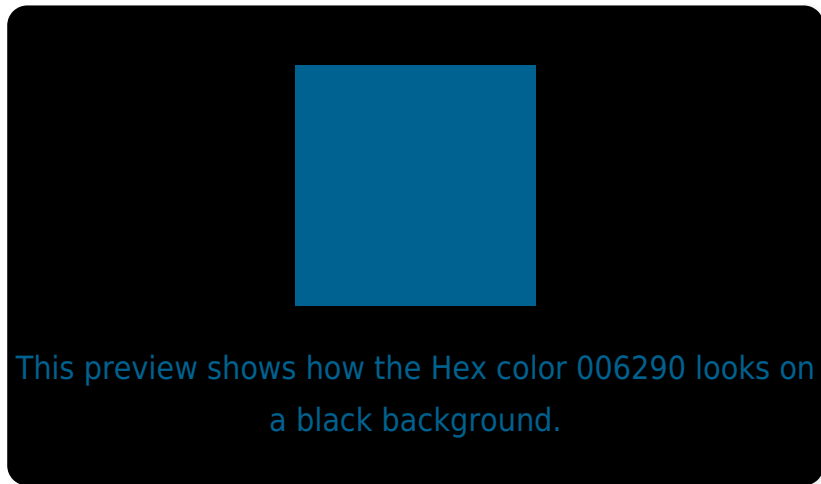
Large Text (above 18pt) WCAG AA ✓ Pass

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

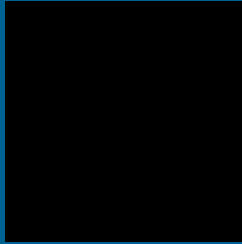
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006290 Background



This preview shows how black text looks on a background with the Hex color 006290.



This preview shows how white text looks on a background with the Hex color 006290.

# 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](#).

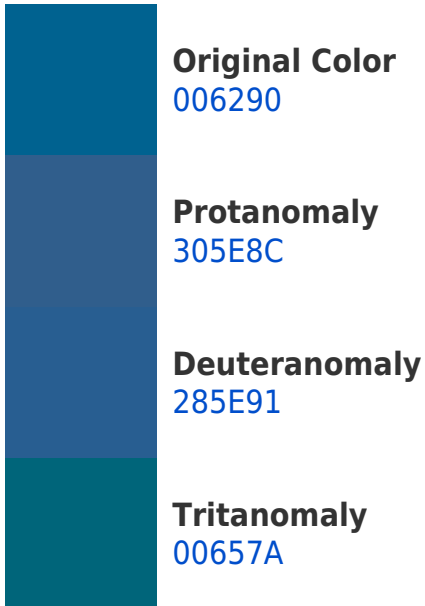
## Dichromacy



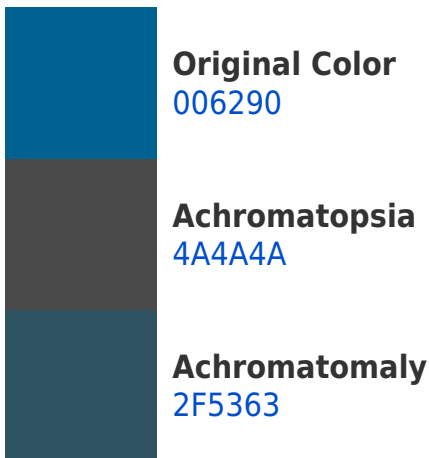


**Tritanopia**  
00676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006290 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 #006290 looks like.

```
.text, #text, p{  
    color:#006290  
}
```

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 #006290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006290
}
```

## Border

The CSS property to change the border of an element to Hex 006290 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
#006290 }
```

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

```
.border{ border-color:#006290 }
```

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

Here you see how a box with a 4 pixel #006290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006290; -webkit-box-shadow:4px 4px  
4px 4px #006290; box-shadow:4px 4px 4px  
4px #006290 }
```

# Background

The CSS property to change the background color of an element to Hex 006290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006290 }
```

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

```
.background{ background-color:#006290 }
```

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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