

# Converting Colors

Hex(007398)

Have a look what the booklet for  
Hex(007398) contains.

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# Color

**Hex(007398)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007398
RGB	0, 115, 152
RGB Percent	0%, 45%, 60%
CMY	1.0000, 0.5490, 0.4039
CMYK	1.00, 0.24, 0.00, 0.40
HSL	195°, 100%, 30%
HSV	195°, 100%, 60%
XYZ	11.7982, 14.5285, 31.8882
YIQ	84.8330, -80.4170, -12.8730

# Conversions

## Conversions Part 2

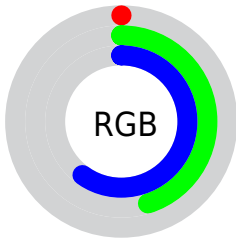
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 65, 152
Decimal	29592
CIELab	44.98, -13.43, -27.68
CIELCh	45, 30.764, 244.111
Yxy	14.5285, 0.2027, 0.2496
Android (android.graphics.Color)	4278219672 (0xFF007398)
YUV	84.8330, 33.1133, -74.3985
Hunter-Lab	38.1162, -11.4518, -22.9209

# Details

The Hex color **007398** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **982500**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **55A7CE**, and **004365** is the 20% darker color. If you saturate the color by 10%, you get **007398**, and if you desaturate by 10%, it is **0F7798**.

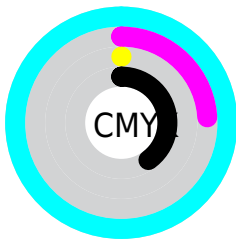
# Distribution



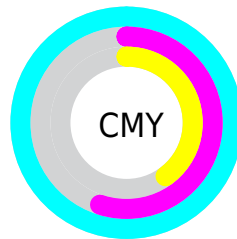
- Red (0%)
- Green (45%)
- Blue (60%)



- Red (0%)
- Yellow (25%)
- Blue (60%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (55%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007398 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 007398 by changing the saturation by 10% instead.



 007398

 007398

FFFFFF

 005A7E

 55A7CE

 004365

 73C2EB

 002D4D

 90DEFF

 001936

 ADFBFF

 000220

 CAFFFF

 000004

 E8FFFF

 000000

 007398

 0F7798

■ 1E7A98

■ 2E7E98

■ 3D8298

■ 4C8598

■ 5B8998

■ 6A8D98

■ 7A9198

■ 899498

# Harmonies

## Analogous

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



007786



007398



486C9D

# Triad

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



007398



9B5668



5C713F

# Complementary

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



007398



982500

# 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.



776A36



007398



9A594F

# Square

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



007398



8D5A81



8D613D



3C7653

# Rectangle

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



007398



656699



8D613D



666F3A



# Sweetspot

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



007398



89B6C4



009823



405B63



E3E3E3



636363



# Same Dimension

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



007398



0095C4



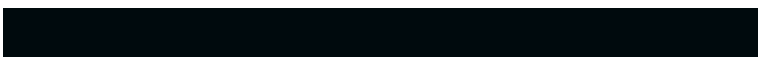
002998



454B4D



006A8C



000A0D



# Inverse Universe

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



980073



C40095



986F00



4D454B



8C006A



0D000A



# Previews

## White Background



This preview shows how the Hex color 007398 looks on a white background.

### Color Contrast Check

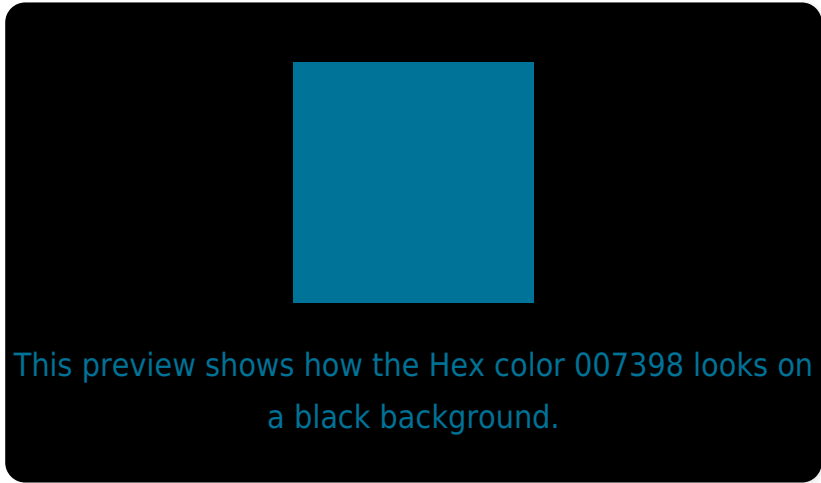
Large Text (above 18pt) WCAG AA ✓ Pass

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

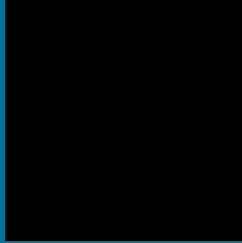
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007398 Background



This preview shows how black text looks on a background with the Hex color 007398.



This preview shows how white text looks on a background with the Hex color 007398.

# 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](#).

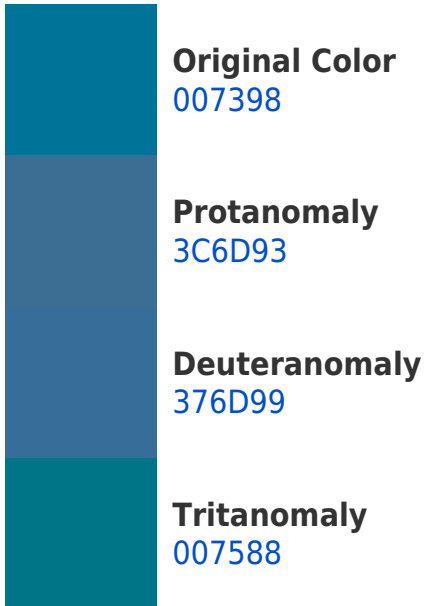
## Dichromacy





**Tritanopia**  
00767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007398 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 #007398 looks like.

```
.text, #text, p{  
    color:#007398  
}
```

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 #007398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007398
}
```

## Border

The CSS property to change the border of an element to Hex 007398 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
#007398 }
```

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

```
.border{ border-color:#007398 }
```

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

Here you see how a box with a 4 pixel #007398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007398; -webkit-box-shadow:4px 4px  
4px 4px #007398; box-shadow:4px 4px 4px  
4px #007398 }
```

# Background

The CSS property to change the background color of an element to Hex 007398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007398 }
```

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

```
.background{ background-color:#007398 }
```

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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