

# Converting Colors

Hex(017598)

Have a look what the booklet for  
Hex(017598) contains.

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# Color

**Hex(017598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	017598
RGB	1, 117, 152
RGB Percent	0%, 46%, 60%
CMY	0.9961, 0.5412, 0.4039
CMYK	0.99, 0.23, 0.00, 0.40
HSL	194°, 99%, 30%
HSV	194°, 99%, 60%
XYZ	12.0413, 14.9960, 31.9656
YIQ	86.3060, -80.3710, -13.7070

# Conversions

## Conversions Part 2

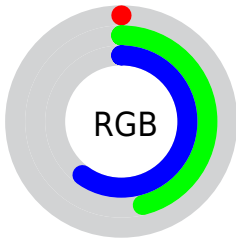
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 67, 152
Decimal	95640
CIELab	45.63, -14.52, -26.67
CIELCh	46, 30.365, 241.431
Yxy	14.9960, 0.2041, 0.2542
Android (android.graphics.Color)	4278285720 (0xFF017598)
YUV	86.3060, 32.3871, -74.8134
Hunter-Lab	38.7247, -12.2643, -21.8341

# Details

The Hex color **017598** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **982401**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **55A9CE**, and **004565** is the 20% darker color. If you saturate the color by 10%, you get **007598**, and if you desaturate by 10%, it is **107998**.

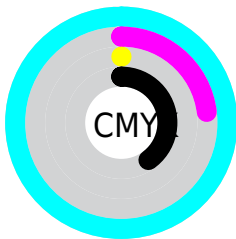
# Distribution



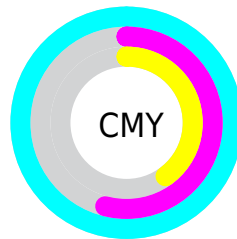
- Red (0%)
- Green (46%)
- Blue (60%)



- Red (0%)
- Yellow (26%)
- Blue (60%)



- Cyan (99%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)




- Cyan (100%)
- Magenta (54%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 017598 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 017598 by changing the saturation by 10% instead.



 017598

 017598

FFFFFF

 005C7E

 55A9CE

 004565

 73C4EB

 002E4D

 90E0FF

 001B36

 ADFDFF


 000220

 CBFFFF

 000005

 E8FFFF

 000000

 017598

 017598

 007598

 107998

■ 1F7C98

■ 2F8098

■ 3E8398

■ 4D8798

■ 5C8A98

■ 6B8E98

■ 7B9198

■ 8A9598

# Harmonies

## Analogous

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



007986



017598



476E9E

# Triad

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



017598



9B586C



617240

# Complementary

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



017598



982401

# 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.



7B6B38



017598



9B5A53

# Square

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



017598



8D5C85



906240



417753

# Rectangle

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



017598



64689B



906240



6A703C



# Sweetspot

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



017598



89B7C4



019822



405B63



E3E3E3



636363



# Same Dimension

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



017598



0097C4



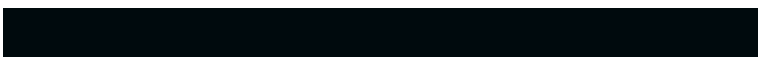
012C98



454B4D



006C8C



000A0D



# Inverse Universe

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



980175



C40097



986D01



4D454B



8C006C



0D000A



# Previews

## White Background



This preview shows how the Hex color 017598 looks on a white background.

## Color Contrast Check

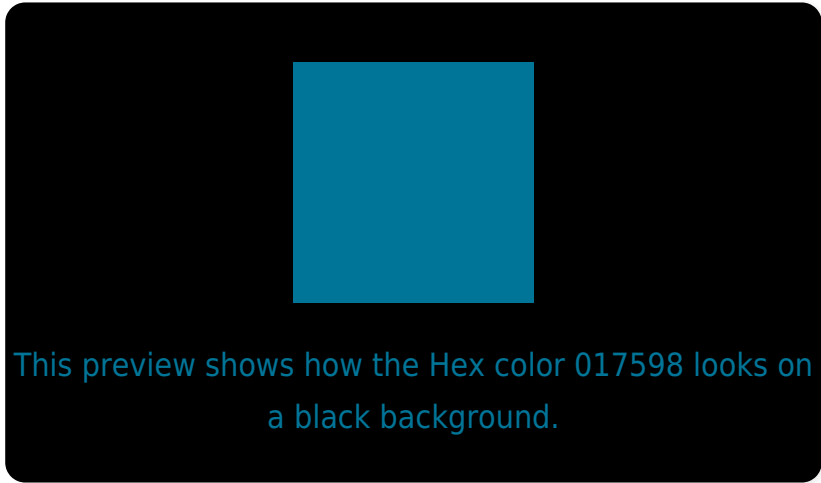
Large Text (above 18pt) WCAG AA ✓ Pass

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

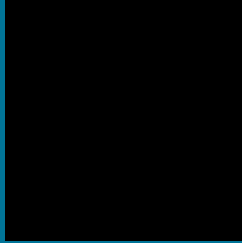
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 017598 Background



This preview shows how black text looks on a background with the Hex color 017598.

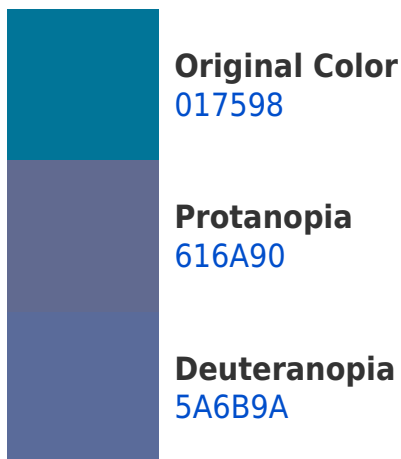


This preview shows how white text looks on a background with the Hex color 017598.

# 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](#).

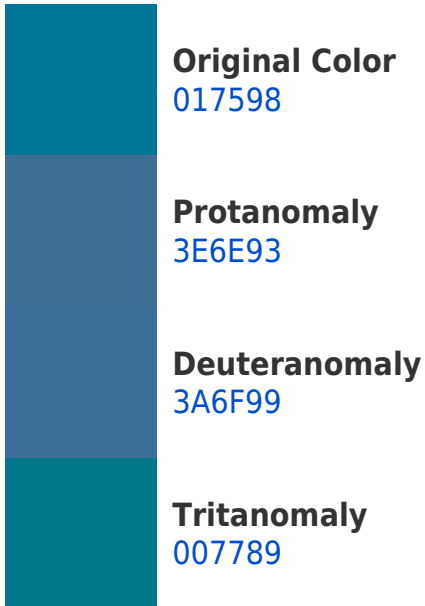
## Dichromacy



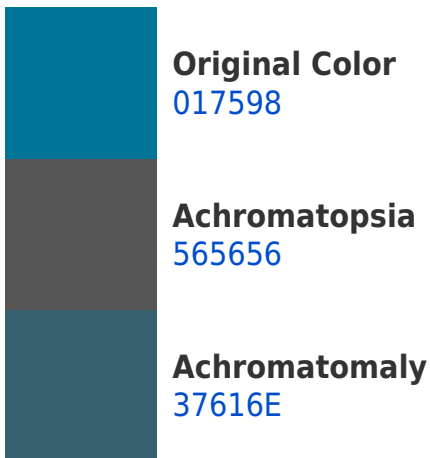


**Tritanopia**  
007881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 017598 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 #017598 looks like.

```
.text, #text, p{  
    color:#017598  
}
```

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 #017598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #017598
}
```

## Border

The CSS property to change the border of an element to Hex 017598 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
#017598 }
```

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

```
.border{ border-color:#017598 }
```

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

Here you see how a box with a 4 pixel #017598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #017598; -webkit-box-shadow:4px 4px  
4px 4px #017598; box-shadow:4px 4px 4px  
4px #017598 }
```

# Background

The CSS property to change the background color of an element to Hex 017598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#017598 }
```

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

```
.background{ background-color:#017598 }
```

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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