

# Converting Colors

Hex(00698D)

Have a look what the booklet for  
Hex(00698D) contains.

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# Color

**Hex(00698D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00698D
RGB	0, 105, 141
RGB Percent	0%, 41%, 55%
CMY	1.0000, 0.5882, 0.4471
CMYK	1.00, 0.26, 0.00, 0.45
HSL	195°, 100%, 28%
HSV	195°, 100%, 55%
XYZ	9.8593, 12.0262, 27.0010
YIQ	77.7090, -74.1360, -11.0640

# Conversions

## Conversions Part 2

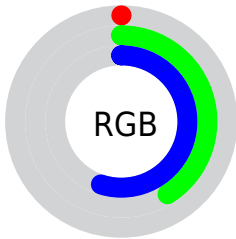
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 60, 141
Decimal	27021
CIELab	41.26, -11.87, -26.93
CIELCh	41, 29.432, 246.214
Yxy	12.0262, 0.2017, 0.2460
Android (android.graphics.Color)	4278217101 (0xFF00698D)
YUV	77.7090, 31.2025, -68.1508
Hunter-Lab	34.6789, -9.9400, -21.8880

# Details

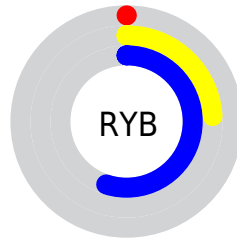
The Hex color **00698D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8D2400**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **519CC3**, and **003A5B** is the 20% darker color. If you saturate the color by 10%, you get **00698D**, and if you desaturate by 10%, it is **0E6D8D**.

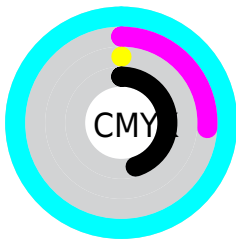
# Distribution



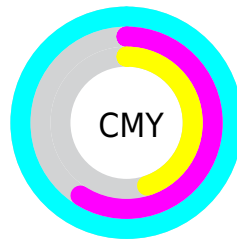
- Red (0%)
- Green (41%)
- Blue (55%)



- Red (0%)
- Yellow (24%)
- Blue (55%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (59%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00698D 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 00698D by changing the saturation by 10% instead.



 00698D

 00698D

FFFFFF

 005173

 519CC3

 003A5B

 6FB7DF

 002443

 8BD3FB

 000C2D

 A8EFFF

 000117

 C5FFFF

 000000

 E2FFFF

 00698D

 0E6D8D

■ 1C708D

■ 2A748D

■ 38778D

■ 477B8D

■ 557F8D

■ 63828D

■ 71868D

■ 7F898D

# Harmonies

## Analogous

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



006D7D



00698D



446291

# Triad

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



00698D



8F4E5D



526839

# Complementary

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



00698D



8D2400

# 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.



6C6230



00698D



8D5146

# Square

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



00698D



835175



805935



336C4D

# Rectangle

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



00698D



5F5C8D



805935



5B6635



# Sweetspot

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



00698D



81AAB8



008D23



3B535C



DBDBDB



5C5C5C



# Same Dimension

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



00698D



0089B8



00238D



404647



006587



000608



# Inverse Universe

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



8D0069



B80089



8D6A00



474046



870065



080006



# Previews

## White Background



This preview shows how the Hex color 00698D looks on a white background.

## Color Contrast Check

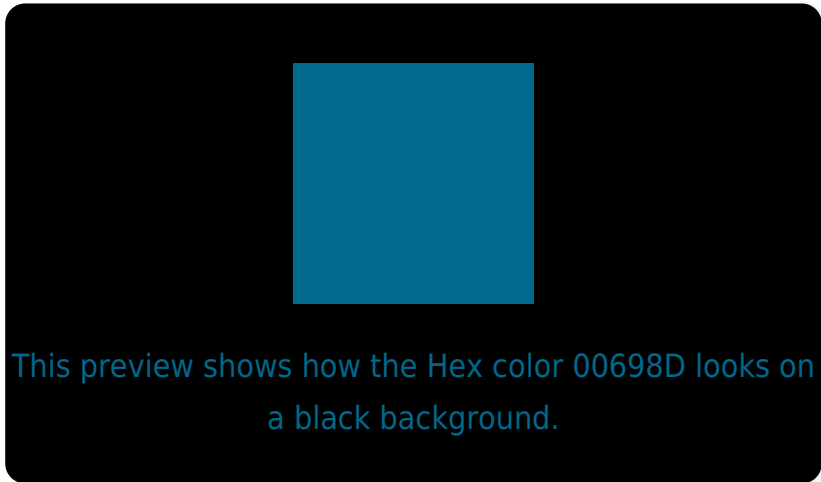
Large Text (above 18pt) WCAG AA ✓ Pass

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

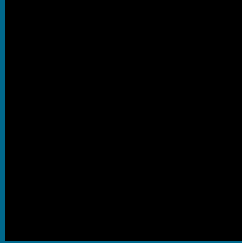
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00698D Background



This preview shows how black text looks on a background with the Hex color 00698D.

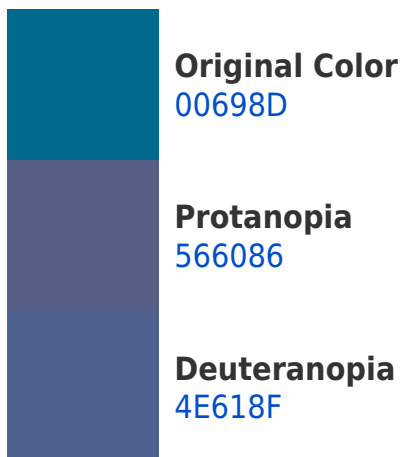


This preview shows how white text looks on a background with the Hex color 00698D.

# 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**  
006C74

# Trichromacy



**Original Color**  
00698D

**Protanomaly**  
376389

**Deuteranomaly**  
32648E

**Tritanomaly**  
006B7D

# Monochromacy



**Original Color**  
00698D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
325865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00698D 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 #00698D looks like.

```
.text, #text, p{  
    color:#00698D  
}
```

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 #00698D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00698D
}
```

## Border

The CSS property to change the border of an element to Hex 00698D 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
#00698D }
```

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

```
.border{ border-color:#00698D }
```

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

Here you see how a box with a 4 pixel #00698D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00698D; -webkit-box-shadow:4px 4px  
4px 4px #00698D; box-shadow:4px 4px 4px  
4px #00698D }
```

# Background

The CSS property to change the background color of an element to Hex 00698D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00698D }
```

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

```
.background{ background-color:#00698D }
```

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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