

# Converting Colors

Hex(00598C)

Have a look what the booklet for  
Hex(00598C) contains.

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**Color**

**Hex(00598C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00598C
RGB	0, 89, 140
RGB Percent	0%, 35%, 55%
CMY	1.0000, 0.6510, 0.4510
CMYK	1.00, 0.36, 0.00, 0.45
HSL	202°, 100%, 27%
HSV	202°, 100%, 55%
XYZ	8.3060, 9.0382, 26.1177
YIQ	68.2030, -69.4150, -3.0070

# Conversions

## Conversions Part 2

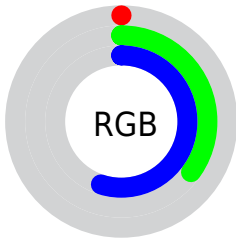
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 54, 140
Decimal	22924
CIE <sub>Lab</sub>	36.06, -2.51, -34.51
CIE <sub>LCh</sub>	36, 34.603, 265.848
Yxy	9.0382, 0.1911, 0.2080
Android (android.graphics.Color)	4278213004 (0xFF00598C)
YUV	68.2030, 35.3959, -59.8140
Hunter-Lab	30.0636, -3.2952, -30.4636

# Details

The Hex color **00598C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C3300**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **508BC2**, and **002C59** is the 20% darker color. If you saturate the color by 10%, you get **00598C**, and if you desaturate by 10%, it is **0E5E8C**.

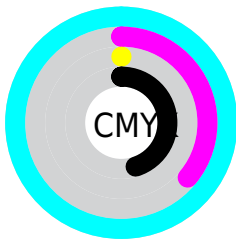
# Distribution



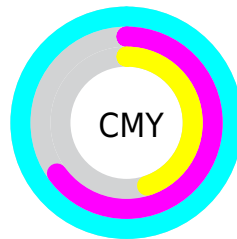
- Red (0%)
- Green (35%)
- Blue (55%)



- Red (0%)
- Yellow (21%)
- Blue (55%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (65%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00598C 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 00598C by changing the saturation by 10% instead.



00598C

00598C

FFFFFF

004272

508BC2

002C59

6DA5DE

001842

8AC0FB

00032B

A6DCFF

000115

C3F8FF

000000

E0FFFF

FEFFFF

00598C

■ 0E5E8C

■ 1C638C

■ 2A688C

■ 386D8C

■ 46738C

■ 54788C

■ 627D8C

■ 70828C

■ 7E878C

# Harmonies

## Analogous

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



005F82



00598C



504F87

# Triad

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



00598C



873F3E



296034

# Complementary

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



00598C



8C3300

# 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.



4D5A20



00598C



7C4827

# Square

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



00598C



853D5A



68521B



006250

# Rectangle

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



00598C



69477C



68521B



375E2C



# Sweetspot

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



00598C



7FA1B5



008C31



3B505C



DBDBDB



5C5C5C



# Same Dimension

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



00598C



0073B5



00158C



3E4245



005485



000305



# Inverse Universe

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



8C0059



B50073



8C7700



453E42



850054



050003



# Previews

## White Background



This preview shows how the Hex color 00598C looks on a white background.

## Color Contrast Check

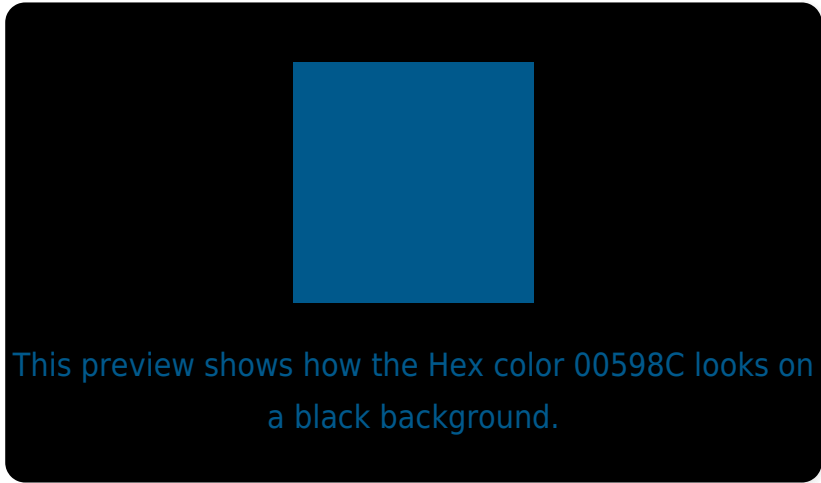
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

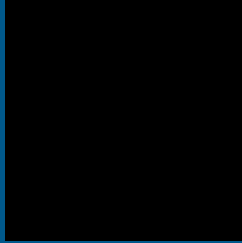
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00598C Background



This preview shows how black text looks on a background with the Hex color 00598C.



This preview shows how white text looks on a background with the Hex color 00598C.

# 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](#).

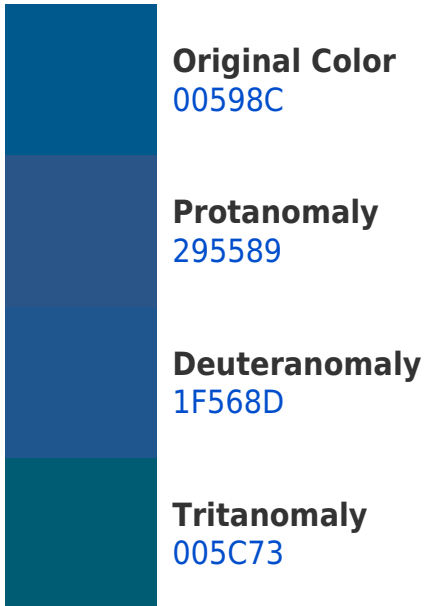
## Dichromacy





**Tritanopia**  
005E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00598C 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 #00598C looks like.

```
.text, #text, p{  
    color:#00598C  
}
```

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 #00598C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00598C
}
```

## Border

The CSS property to change the border of an element to Hex 00598C is called "border". The border property can be set on classes, ids or directly on the HTML element.

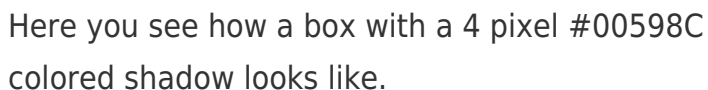
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00598C }
```

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

```
.border{ border-color:#00598C }
```

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



Here you see how a box with a 4 pixel #00598C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00598C; -webkit-box-shadow:4px 4px  
4px 4px #00598C; box-shadow:4px 4px 4px  
4px #00598C }
```

# Background

The CSS property to change the background color of an element to Hex 00598C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00598C }
```

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

```
.background{ background-color:#00598C }
```

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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