

Converting Colors

Hex(00608C)

Have a look what the booklet for
Hex(00608C) contains.

Hex(00608C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00608C)

Conversions

Conversions Part 1

Format	Color
Hex	00608C
RGB	0, 96, 140
RGB Percent	0%, 38%, 55%
CMY	1.0000, 0.6235, 0.4510
CMYK	1.00, 0.31, 0.00, 0.45
HSL	199°, 100%, 27%
HSV	199°, 100%, 55%
XYZ	8.9165, 10.2592, 26.3212
YIQ	72.3120, -71.3400, -6.6680

Conversions

Conversions Part 2

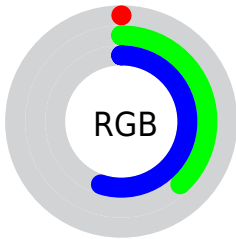
Format	Color
RYB	0, 57, 140
Decimal	24716
CIELab	38.30, -6.88, -30.96
CIELCh	38, 31.716, 257.476
Yxy	10.2592, 0.1960, 0.2255
Android (android.graphics.Color)	4278214796 (0xFF00608C)
YUV	72.3120, 33.3702, -63.4176
Hunter-Lab	32.0300, -6.3617, -26.3017

Details

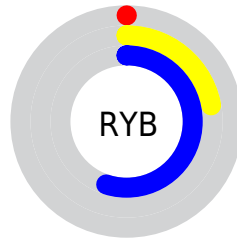
The Hex color **00608C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C2C00**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5192C2**, and **00325A** is the 20% darker color. If you saturate the color by 10%, you get **00608C**, and if you desaturate by 10%, it is **0E648C**.

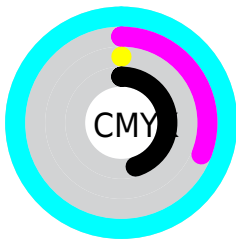
Distribution



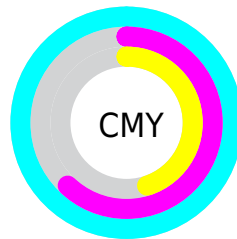
- Red (0%)
- Green (38%)
- Blue (55%)



- Red (0%)
- Yellow (22%)
- Blue (55%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00608C 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 00608C by changing the saturation by 10% instead.

00608C

00608C

FFFFFF

004872

5192C2

00325A

6EADDE

001D42

8AC8FB

00032C

A7E4FF

000116

C4FFFF

000000

E1FFFF

00608C

0E648C

 1C698C

 2A6D8C

 38728C

 46768C

 547A8C

 627F8C

 70838C

 7E888C

Harmonies

Analogous

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



00657F



00608C



4B588B

Triad

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



00608C



8B454C



3D6336

Complementary

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



00608C



8C2C00

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.



5B5D27



00608C



844C35

Square

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



00608C



844666



735527



0E674E

Rectangle

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



00608C



655183



735527



486230

Sweetspot

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



00608C



7FA4B5



008C2A



3B515C



DBDBDB



5C5C5C

Same Dimension

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



00608C



007CB5



001C8C



3E4345



005B85



000305

Inverse Universe

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



8C0060



B5007C



8C7000



453E43



85005B



050003

Previews

White Background



This preview shows how the Hex color 00608C looks on a white background.

Color Contrast Check

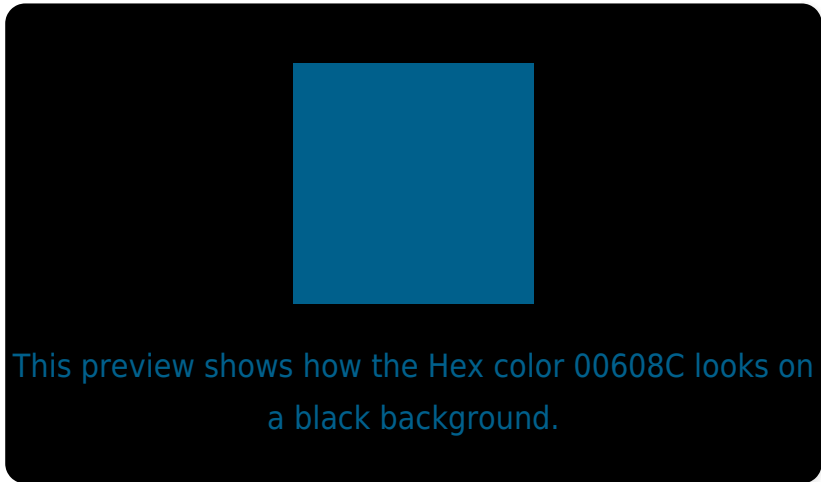
Large Text (above 18pt) WCAG AA ✓ Pass

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

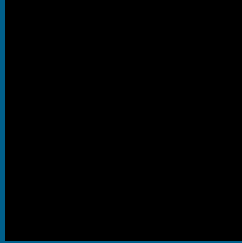
Any Text WCAG AA × Fail

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 00608C Background



This preview shows how black text looks on a background with the Hex color 00608C.

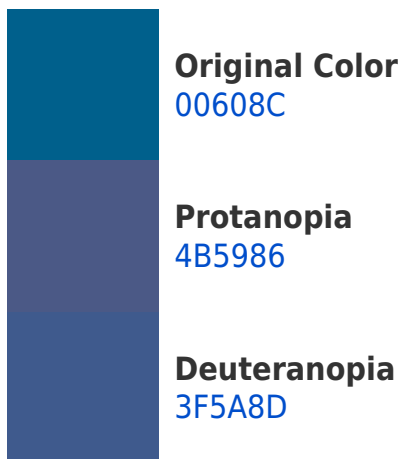


This preview shows how white text looks on a background with the Hex color 00608C.

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](#).

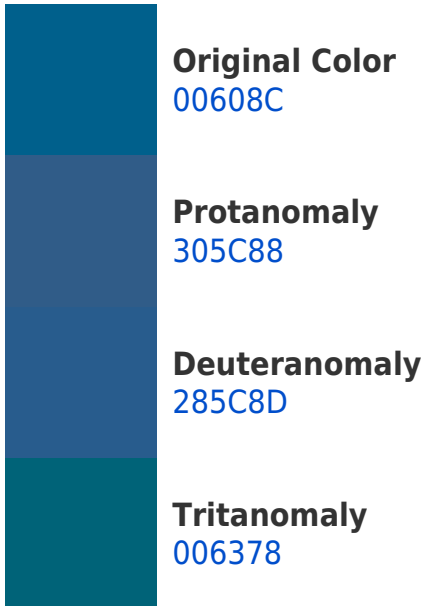
Dichromacy





Tritanopia
00646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00608C 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 #00608C looks like.

```
.text, #text, p{  
    color:#00608C  
}
```

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 #00608C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00608C
}
```

Border

The CSS property to change the border of an element to Hex 00608C 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
#00608C }
```

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

```
.border{ border-color:#00608C }
```

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

Here you see how a box with a 4 pixel #00608C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00608C; -webkit-box-shadow:4px 4px  
4px 4px #00608C; box-shadow:4px 4px 4px  
4px #00608C }
```

Background

The CSS property to change the background color of an element to Hex 00608C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00608C }
```

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

```
.background{ background-color:#00608C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor