

Converting Colors

Hex(00689C)

Have a look what the booklet for
Hex(00689C) contains.

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Color

Hex(00689C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 00689C |
| RGB | 0, 104, 156 |
| RGB Percent | 0%, 41%, 61% |
| CMY | 1.0000, 0.5922, 0.3882 |
| CMYK | 1.00, 0.33, 0.00, 0.39 |
| HSL | 200°, 100%, 31% |
| HSV | 200°, 100%, 61% |
| XYZ | 10.9511, 12.3009, 33.2496 |
| YIQ | 78.8320, -78.6760, -5.8760 |

Conversions

Conversions Part 2

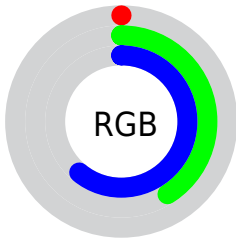
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 62, 156 |
| Decimal | 26780 |
| CIELab | 41.69, -5.37, -35.21 |
| CIELCh | 42, 35.621, 261.337 |
| Yxy | 12.3009, 0.1938, 0.2177 |
| Android (android.graphics.Color) | 4278216860 (0xFF00689C) |
| YUV | 78.8320, 38.0438, -69.1357 |
| Hunter-Lab | 35.0727, -5.6425, -31.6573 |

Details

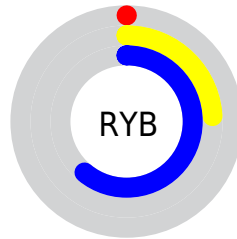
The Hex color **00689C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9C3400**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **559BD3**, and **003968** is the 20% darker color. If you saturate the color by 10%, you get **00689C**, and if you desaturate by 10%, it is **106D9C**.

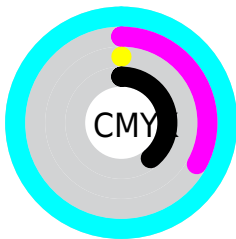
Distribution



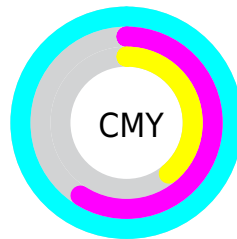
- Red (0%)
- Green (41%)
- Blue (61%)



- Red (0%)
- Yellow (24%)
- Blue (61%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (59%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00689C 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 00689C by changing the saturation by 10% instead.

00689C

00689C

FFFFFF

005082

559BD3

003968

73B6EF

002450

90D1FF

000F39

ADEDFE

000222

CBFFFF

000009

E8FFFF

000000

00689C

106D9C

■ 1F729C

■ 2F789C

■ 3E7D9C

■ 4E829C

■ 5E879C

■ 6D8C9C

■ 7D929C

■ 8C979C

Harmonies

Analogous

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



006E8F



00689C



565E99

Triad

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



00689C



994B4F



3C6D3C

Complementary

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



00689C



9C3400

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.



5F6729



00689C



8F5336

Square

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



00689C



944A6C



7B5E27



007159

Rectangle

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



00689C



73568F



7B5E27



496C35

Sweetspot

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



00689C



8FB8CC



009C34



415A66



E6E6E6



666666

Same Dimension

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



00689C



0088CC



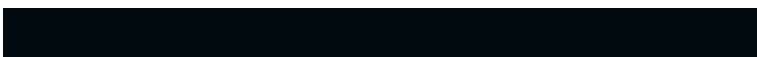
001A9C



474C4F



005F8F



000A0F

Inverse Universe

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



9C0068



CC0088



9C8200



4F474C



8F005F



0F000A

Previews

White Background



This preview shows how the Hex color 00689C looks on a white background.

Color Contrast Check

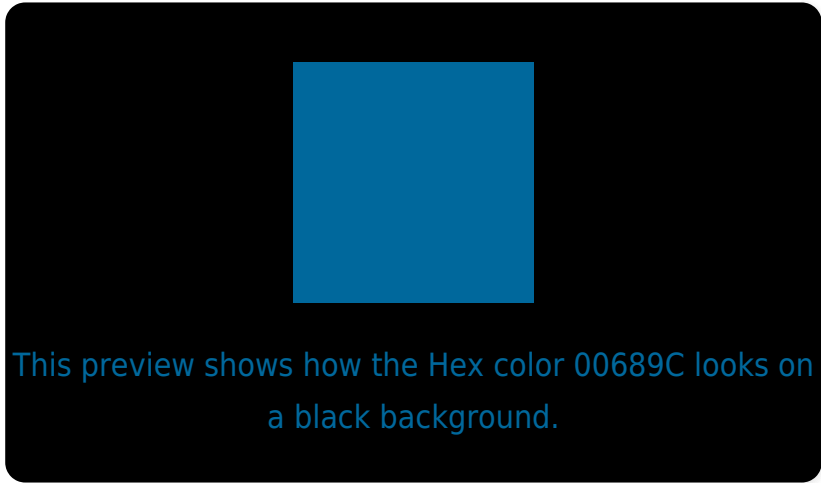
Large Text (above 18pt) WCAG AA ✓ Pass

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

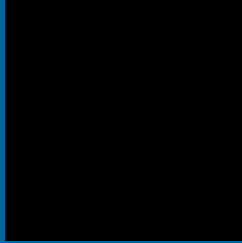
Any Text WCAG AA × Fail

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 00689C Background



This preview shows how black text looks on a background with the Hex color 00689C.



This preview shows how white text looks on a background with the Hex color 00689C.

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
006D75

Trichromacy



Original Color
00689C

Protanomaly
336398

Deuteranomaly
29649D

Tritanomaly
006B83

Monochromacy



Original Color
00689C

Achromatopsia
4F4F4F

Achromatomaly
32586B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00689C 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 #00689C looks like.

```
.text, #text, p{  
    color:#00689C  
}
```

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 #00689C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00689C
}
```

Border

The CSS property to change the border of an element to Hex 00689C 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
#00689C }
```

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

```
.border{ border-color:#00689C }
```

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

Here you see how a box with a 4 pixel #00689C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00689C; -webkit-box-shadow:4px 4px  
4px 4px #00689C; box-shadow:4px 4px 4px  
4px #00689C }
```

Background

The CSS property to change the background color of an element to Hex 00689C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00689C }
```

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

```
.background{ background-color:#00689C }
```

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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