

Converting Colors

Hex(00689B)

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

Hex(00689B)	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(00689B)

Conversions

Conversions Part 1

Format	Color
Hex	00689B
RGB	0, 104, 155
RGB Percent	0%, 41%, 61%
CMY	1.0000, 0.5922, 0.3922
CMYK	1.00, 0.33, 0.00, 0.39
HSL	200°, 100%, 30%
HSV	200°, 100%, 61%
XYZ	10.8667, 12.2672, 32.8054
YIQ	78.7180, -78.3550, -6.1870

Conversions

Conversions Part 2

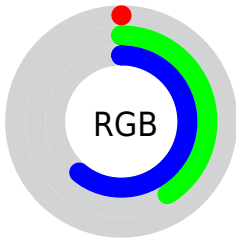
Format	Color
RYB	0, 62, 155
Decimal	26779
CIELab	41.64, -5.76, -34.70
CIELCh	42, 35.178, 260.569
Yxy	12.2672, 0.1943, 0.2193
Android (android.graphics.Color)	4278216859 (0xFF00689B)
YUV	78.7180, 37.6070, -69.0357
Hunter-Lab	35.0245, -5.9116, -31.0162

Details

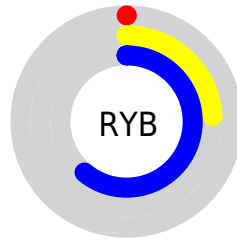
The Hex color **00689B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B3300**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **559BD2**, and **003967** is the 20% darker color. If you saturate the color by 10%, you get **00689B**, and if you desaturate by 10%, it is **0F6D9B**.

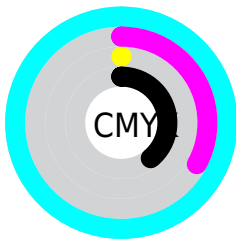
Distribution



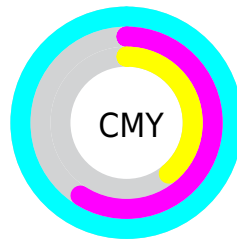
- Red (0%)
- Green (41%)
- Blue (61%)



- 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 00689B 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 00689B by changing the saturation by 10% instead.

00689B

00689B

FFFFFF

005081

559BD2

003967

73B6EE

00244F

90D1FF

000F38

ADEDFE

000222

CAFFFF

000007

E8FFFF

000000

00689B

0F6D9B

 1F729B

 2F779B

 3E7C9B

 4E829B

 5D879B

 6C8C9B

 7C919B

 8B969B

Harmonies

Analogous

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



006E8E



00689B



555E98

Triad

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



00689B



984B4F



3D6D3C

Complementary

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



00689B



9B3300

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.



60672A



00689B



8F5336

Square

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



00689B



934B6D



7B5D28



007058

Rectangle

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



00689B



72578E



7B5D28



4A6B35

Sweetspot

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



00689B



8DB6C9



009B31



415A66



E6E6E6



666666

Same Dimension

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



00689B



0087C9



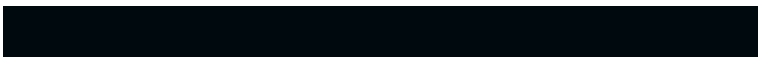
001C9B



454A4D



005E8C



00090D

Inverse Universe

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



9B0068



C90087



9B7F00



4D454A



8C005E



0D0009

Previews

White Background



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

Color Contrast Check

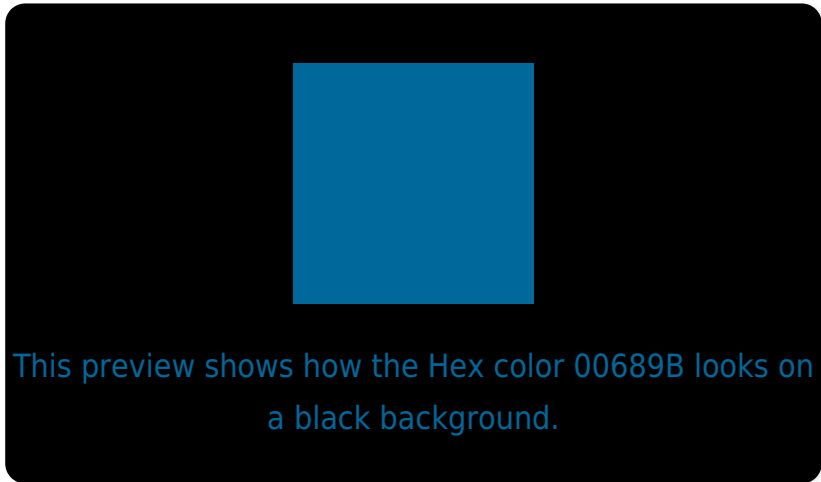
Large Text (above 18pt) WCAG AA ✓ Pass

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

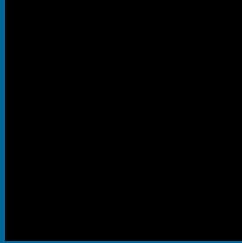
Any Text WCAG AA × Fail

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 00689B Background



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



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

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
00689B

Protanomaly
336397

Deuteranomaly
29649C

Tritanomaly
006B83

Monochromacy



Original Color
00689B

Achromatopsia
4F4F4F

Achromatomaly
32586B

CSS Examples

Text

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

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

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 #00689B colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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