

Converting Colors

Hex(08689E)

Have a look what the booklet for
Hex(08689E) contains.

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Color

Hex(08689E)

Conversions

Conversions Part 1

Format	Color
Hex	08689E
RGB	8, 104, 158
RGB Percent	3%, 41%, 62%
CMY	0.9686, 0.5922, 0.3804
CMYK	0.95, 0.34, 0.00, 0.38
HSL	202°, 90%, 33%
HSV	202°, 95%, 62%
XYZ	11.2220, 12.4209, 34.1538
YIQ	81.4520, -74.5500, -3.5580

Conversions

Conversions Part 2

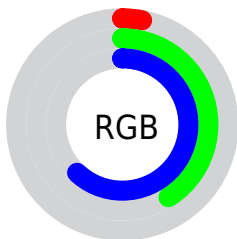
Format	Color
RYB	8, 67, 158
Decimal	551070
CIELab	41.88, -4.18, -36.10
CIELCh	42, 36.343, 263.394
Yxy	12.4209, 0.1942, 0.2149
Android (android.graphics.Color)	4278741150 (0xFF08689E)
YUV	81.4520, 37.7382, -64.4174
Hunter-Lab	35.2433, -4.8385, -32.7868

Details

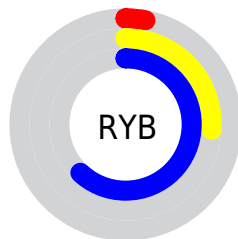
The Hex color **08689E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E3E08**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **589BD5**, and **00396A** is the 20% darker color. If you saturate the color by 10%, you get **00659E**, and if you desaturate by 10%, it is **186E9E**.

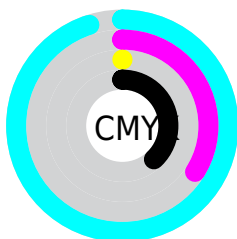
Distribution



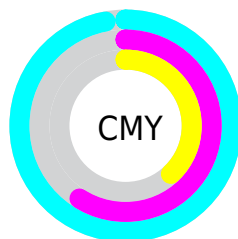
- Red (3%)
- Green (41%)
- Blue (62%)



- Red (3%)
- Yellow (26%)
- Blue (62%)



- Cyan (95%)
- Magenta (34%)
- Yellow (0%)
- Black (38%)



- Cyan (97%)
- Magenta (59%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08689E 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 08689E by changing the saturation by 10% instead.

08689E

08689E

FFFFFF

005084

589BD5

00396A

75B6F1

002452

92D1FF

000F3A

AFEDFF

000224

CDFFFF

00000C

EBFFFF

000000

08689E

08689E

00659E

186E9E

■ 28739E

■ 37799E

■ 477F9E

■ 57849E

■ 678A9E

■ 77909E

■ 86969E

■ 969B9E

Harmonies

Analogous

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



006F92



08689E



5A5E9A

Triad

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



08689E



9A4B4D



386E3E

Complementary

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



08689E



9E3E08

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.



5D6829



08689E



8F5434

Square

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



08689E



964A6B



7A5F25



00715B

Rectangle

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



08689E



76568E



7A5F25



466D36

Sweetspot

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



08689E



95BACF



089E3D



455C69



E8E8E8



696969

Same Dimension

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



08689E



0084CF



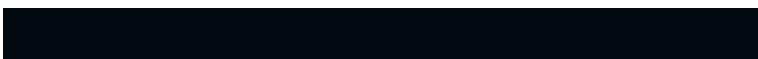
081E9E



474C4F



005B8F



000A0F

Inverse Universe

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



9E0868



CF0084



9E8808



4F474C



8F005B



0F000A

Previews

White Background



This preview shows how the Hex color 08689E looks on a white background.

Color Contrast Check

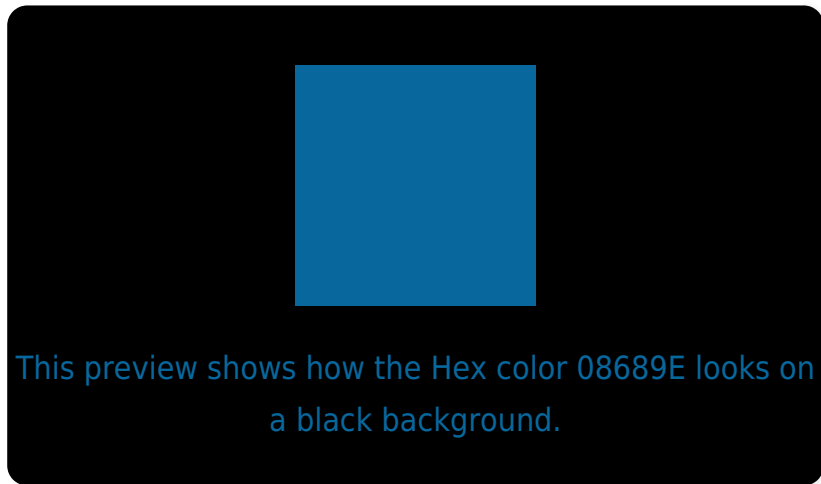
Large Text (above 18pt) WCAG AA ✓ Pass

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

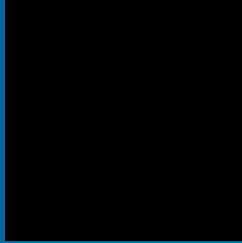
Any Text WCAG AA × Fail

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 08689E Background



This preview shows how black text looks on a background with the Hex color 08689E.

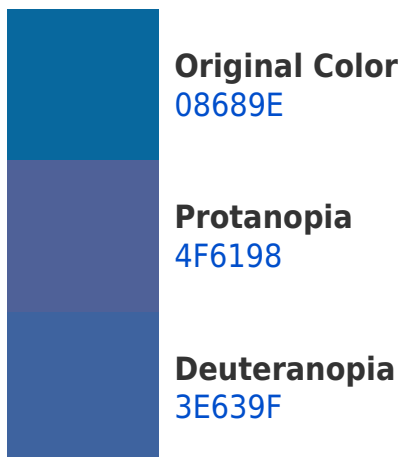


This preview shows how white text looks on a background with the Hex color 08689E.

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](#).

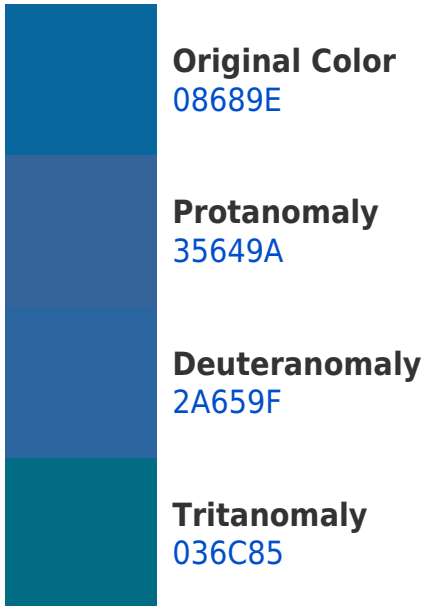
Dichromacy





Tritanopia
006E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 08689E 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 #08689E looks like.

```
.text, #text, p{  
    color:#08689E  
}
```

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 #08689E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08689E
}
```

Border

The CSS property to change the border of an element to Hex 08689E 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
#08689E }
```

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

```
.border{ border-color:#08689E }
```

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

Here you see how a box with a 4 pixel #08689E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08689E; -webkit-box-shadow:4px 4px  
4px 4px #08689E; box-shadow:4px 4px 4px  
4px #08689E }
```

Background

The CSS property to change the background color of an element to Hex 08689E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08689E }
```

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

```
.background{ background-color:#08689E }
```

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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