

# Converting Colors

Hex(689797)

Have a look what the booklet for  
Hex(689797) contains.

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# Color

**Hex(689797)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 689797                      |
| RGB         | 104, 151, 151               |
| RGB Percent | 41%, 59%, 59%               |
| CMY         | 0.5922, 0.4078, 0.4078      |
| CMYK        | 0.31, 0.00, 0.00, 0.41      |
| HSL         | 180°, 18%, 50%              |
| HSV         | 180°, 31%, 59%              |
| XYZ         | 22.3614, 27.3106, 33.3711   |
| YIQ         | 136.9470, -28.0120, -9.9640 |

# Conversions

## Conversions Part 2

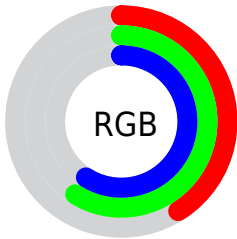
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 104, 128, 151                 |
| Decimal                             | 6854551                       |
| CIELab                              | 59.26, -15.73, -5.08          |
| CIElCh                              | 59, 16.534, 197.910           |
| Yxy                                 | 27.3106, 0.2693,<br>0.3289    |
| Android<br>(android.graphics.Color) | 4285044631<br>(0xFF689797)    |
| YUV                                 | 136.9470, 6.9281,<br>-28.8945 |
| Hunter-Lab                          | 52.2596, -15.0756,<br>-1.2787 |

# Details

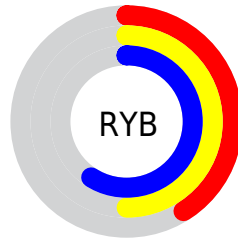
The Hex color **689797** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **976868**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9DCDCD**, and **366464** is the 20% darker color. If you saturate the color by 10%, you get **599797**, and if you desaturate by 10%, it is **779797**.

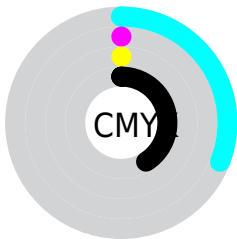
# Distribution



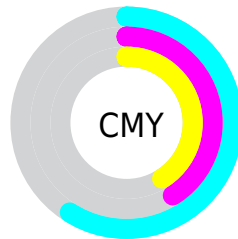
- Red (41%)
- Green (59%)
- Blue (59%)



- Red (41%)
- Yellow (50%)
- Blue (59%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



- Cyan (59%)
- Magenta (41%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 689797 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 689797 by changing the saturation by 10% instead.





689797



689797

FFFFFF



4F7D7D



9DCDCD



366464



B8EAE9



1C4C4C



D4FFFF



003536



F1FFFF



002020



000009



000000



689797



689797



599797



779797

■ 4A9797

■ 869797

■ 3B9797

■ 959797

■ 2C9797

■ A49797

■ 1D9797

■ B39797

■ 0D9797

■ C39797

■ 009797

■ D29797

■ E19797

■ F09797

# Harmonies

## Analogous

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



719788



689797



6A95A4

# Triad

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



689797



9C88A2



A08C73

# Complementary

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



689797



976868

# 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.



AA877A



689797



A88595

# Square

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



689797



8A8DAA



AD8586



919073

# Rectangle

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



689797



7293A9



AD8586



A48A74



# Sweetspot

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



689797



B3C4C4



689768



596363



E3E3E3



636363



# Same Dimension

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



689797



7CC4C4



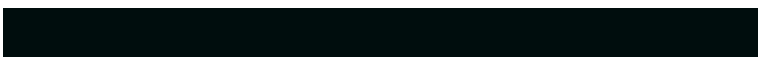
688097



454D4D



008C8C



000D0D



# Inverse Universe

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



976897



C47CC4



978068



4D454D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 689797 looks on a white background.

## Color Contrast Check

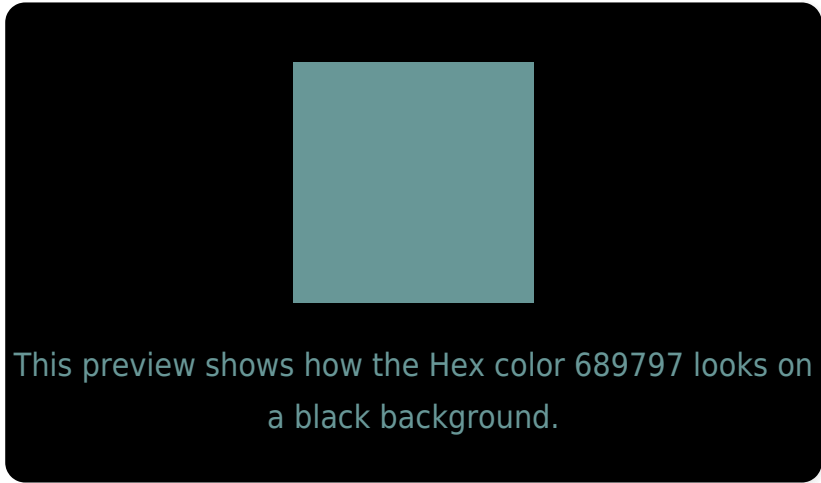
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

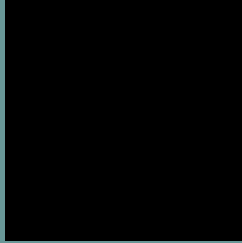
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 689797 Background



This preview shows how black text looks on a background with the Hex color 689797.

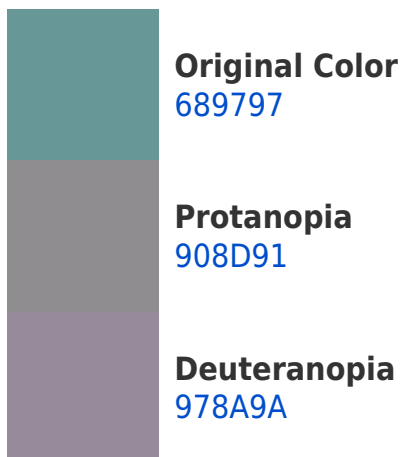


This preview shows how white text looks on a background with the Hex color 689797.

# 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



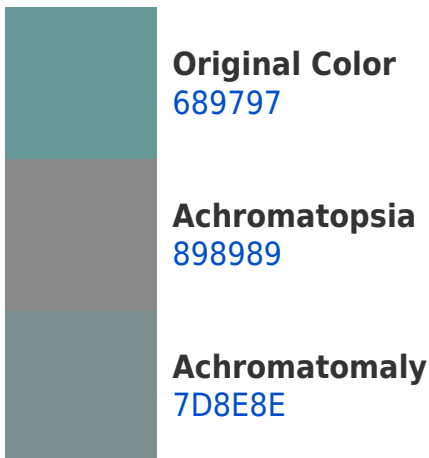


**Tritanopia**  
6A95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 689797 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 #689797 looks like.

```
.text, #text, p{  
    color:#689797  
}
```

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 #689797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689797
}
```

## Border

The CSS property to change the border of an element to Hex 689797 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
#689797 }
```

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

```
.border{ border-color:#689797 }
```

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

Here you see how a box with a 4 pixel #689797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689797; -webkit-box-shadow:4px 4px  
4px 4px #689797; box-shadow:4px 4px 4px  
4px #689797 }
```

# Background

The CSS property to change the background color of an element to Hex 689797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689797 }
```

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

```
.background{ background-color:#689797 }
```

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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