

Converting Colors

Hex(689E98)

Have a look what the booklet for
Hex(689E98) contains.

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Color

Hex(689E98)

Conversions

Conversions Part 1

Format	Color
Hex	689E98
RGB	104, 158, 152
RGB Percent	41%, 62%, 60%
CMY	0.5922, 0.3804, 0.4039
CMYK	0.34, 0.00, 0.04, 0.38
HSL	173°, 22%, 51%
HSV	173°, 34%, 62%
XYZ	23.6033, 29.6638, 34.1874
YIQ	141.1700, -30.2580, -13.3140

Conversions

Conversions Part 2

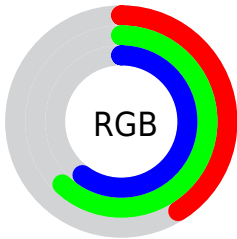
Format	Color
RYB	104, 133, 158
Decimal	6856344
CIELab	61.36, -19.18, -2.55
CIElCh	61, 19.352, 187.574
Yxy	29.6638, 0.2699, 0.3392
Android (android.graphics.Color)	4285046424 (0xFF689E98)
YUV	141.1700, 5.3392, -32.5981
Hunter-Lab	54.4645, -17.9562, 0.9087

Details

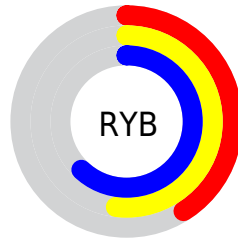
The Hex color **689E98** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E686E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **9DD5CE**, and **356A65** is the 20% darker color. If you saturate the color by 10%, you get **589E96**, and if you desaturate by 10%, it is **789E9A**.

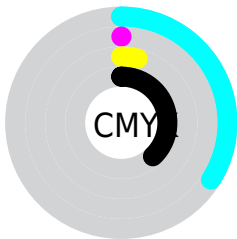
Distribution



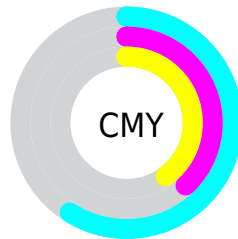
- Red (41%)
- Green (62%)
- Blue (60%)



- Red (41%)
- Yellow (52%)
- Blue (62%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (59%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 689E98 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 689E98 by changing the saturation by 10% instead.

 689E98

 689E98

FFFFFF

 4E847E

 9DD5CE

 356A65

 B9F1EA

 1B524D

 D5FFFF

 003B37

 F2FFFF

 002521

 000A0B

 000000

 689E98

 689E98

 589E96

 789E9A

■ 489E94

■ 889E9C

■ 399E93

■ 979E9D

■ 299E91

■ A79E9F

■ 199E8F

■ B79EA1

■ 099E8D

■ C79EA3

■ 009E8C

■ D79EA4

■ E69EA6

■ F69EA8

Harmonies

Analogous

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



769D87



689E98



659DA8

Triad

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



689E98



9D8EAF



AC8F75

Complementary

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



689E98



9E686E

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.



B68A80



689E98



AE8AA2

Square

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



689E98



8694B6



B78890



9D9472

Rectangle

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



689E98



6B9BB0



B78890



B08D78

Sweetspot

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



689E98



BACFCC



6E9E68



5C6967



E8E8E8



696969

Same Dimension

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



689E98



7ACFC5



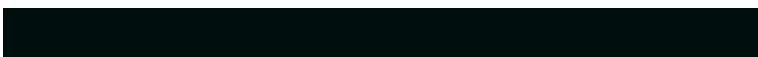
68899E



474F4E



008F7F



000F0E

Inverse Universe

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



9E686E



CF7A83



9E7D68



4F4748



8F0010



0F0002

Previews

White Background



This preview shows how the Hex color 689E98 looks on a white background.

Color Contrast Check

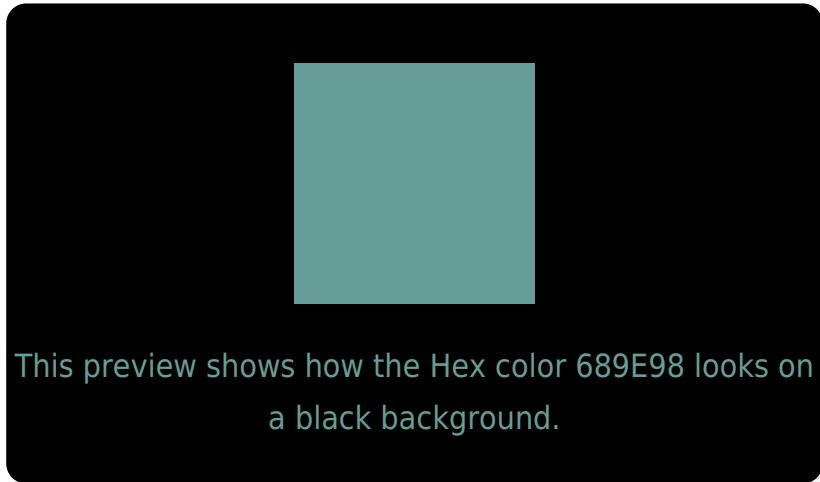
Large Text (above 18pt) WCAG AA ✓ Pass

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 689E98 Background



This preview shows how black text looks on a background with the Hex color 689E98.

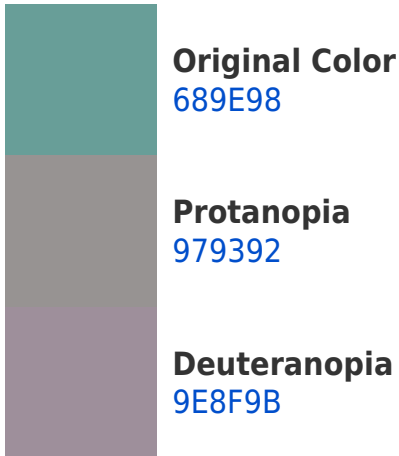


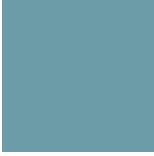
This preview shows how white text looks on a background with the Hex color 689E98.

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](#).

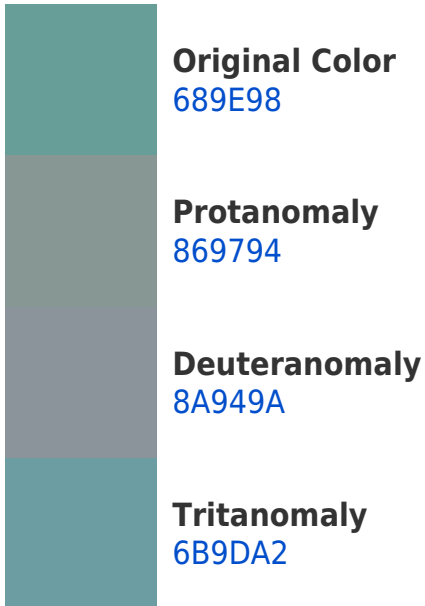
Dichromacy



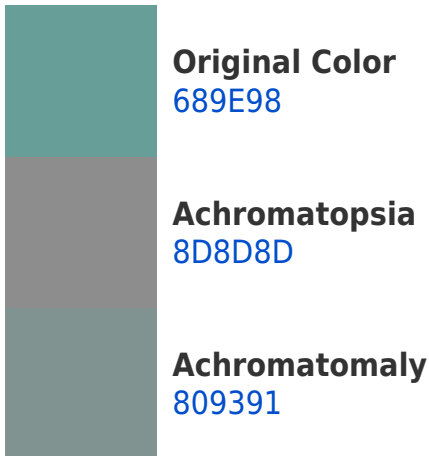


Tritanopia
6C9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 689E98 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 #689E98 looks like.

```
.text, #text, p{  
    color:#689E98  
}
```

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 #689E98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689E98
}
```

Border

The CSS property to change the border of an element to Hex 689E98 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
#689E98 }
```

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

```
.border{ border-color:#689E98 }
```

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

Here you see how a box with a 4 pixel #689E98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689E98; -webkit-box-shadow:4px 4px  
4px 4px #689E98; box-shadow:4px 4px 4px  
4px #689E98 }
```

Background

The CSS property to change the background color of an element to Hex 689E98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689E98 }
```

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

```
.background{ background-color:#689E98 }
```

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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