

Converting Colors

Hex(689C80)

Have a look what the booklet for
Hex(689C80) contains.

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Color

Hex(689C80)

Conversions

Conversions Part 1

Format	Color
Hex	689C80
RGB	104, 156, 128
RGB Percent	41%, 61%, 50%
CMY	0.5922, 0.3882, 0.4980
CMYK	0.33, 0.00, 0.18, 0.39
HSL	148°, 21%, 51%
HSV	148°, 33%, 61%
XYZ	21.4937, 28.2785, 24.7475
YIQ	137.2600, -22.0040, -19.7320

Conversions

Conversions Part 2

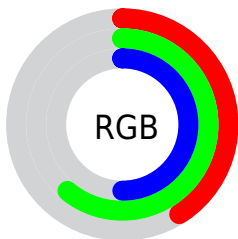
Format	Color
RYB	104, 140, 156
Decimal	6855808
CIELab	60.14, -23.57, 9.22
CIElCh	60, 25.306, 158.631
Yxy	28.2785, 0.2884, 0.3795
Android (android.graphics.Color)	4285045888 (0xFF689C80)
YUV	137.2600, -4.5652, -29.1690
Hunter-Lab	53.1775, -20.9133, 9.6321

Details

The Hex color **689C80** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C6884**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9DD3B5**, and **36684F** is the 20% darker color. If you saturate the color by 10%, you get **589C78**, and if you desaturate by 10%, it is **789C88**.

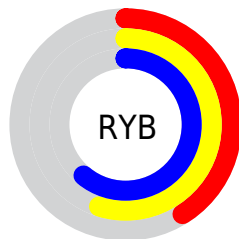
Distribution



Red (41%)

Green (61%)

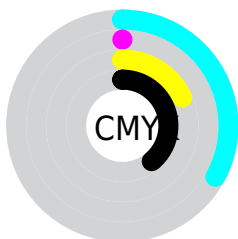
Blue (50%)



Red (41%)

Yellow (55%)

Blue (61%)

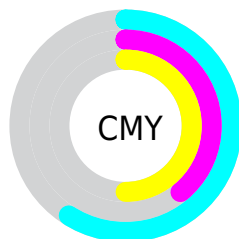


Cyan (33%)

Magenta (0%)

Yellow (18%)

Black (39%)



Cyan (59%)

Magenta (39%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 689C80 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 689C80 by changing the saturation by 10% instead.



689C80



689C80

FFFFFF



4F8267



9DD3B5



36684F



B8EFD0



1D5038



D4FFED



013922



F1FFFF



00230D



000100



000000



689C80



689C80



589C78



789C88

■ 499C6F

■ 879C91

■ 399C67

■ 979C99

■ 2A9C5E

■ A69CA2

■ 1A9C56

■ B69CAA

■ 0A9C4E

■ C69CB2

■ 009C48

■ D59CBB

■ E59CC3

■ F49CCC

Harmonies

Analogous

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



82986E



689C80



529D97

Triad

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



689C80



7E91BD



BB8376

Complementary

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



689C80



9C6884

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.



BD808B



689C80



9C89B4

Square

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



689C80



5E98BA



B383A2



AF8A68

Rectangle

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



689C80



4B9DA5



B383A2



BD827D

Sweetspot

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



689C80



B8CCC1



859C68



5A665F



E6E6E6



666666

Same Dimension

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



689C80



7ACCA0



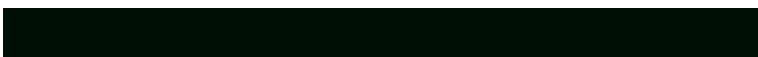
689C99



474F4B



008F42



000F07

Inverse Universe

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



9C6884



CC7AA6



9C686B



4F474B



8F004D



0F0008

Previews

White Background



This preview shows how the Hex color 689C80 looks on a white background.

Color Contrast Check

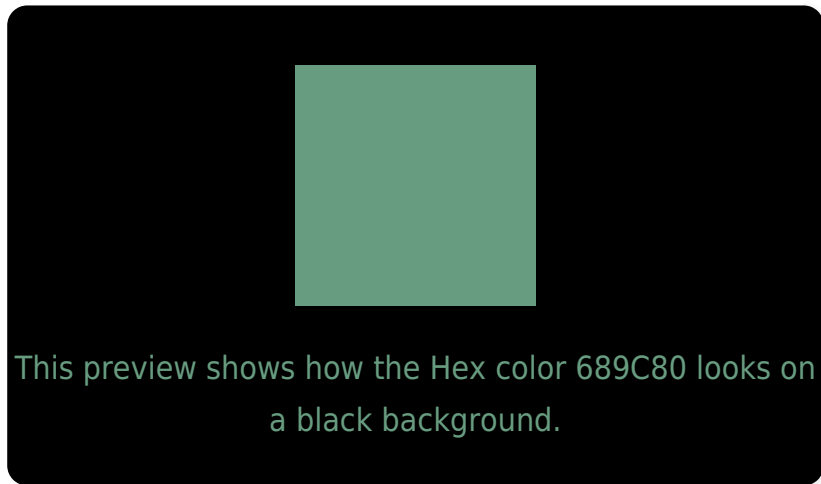
Large Text (above 18pt) WCAG AA ✓ Pass

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 689C80 Background



This preview shows how black text looks on a background with the Hex color 689C80.

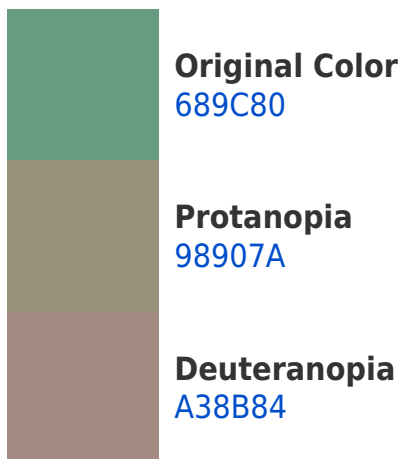


This preview shows how white text looks on a background with the Hex color 689C80.

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



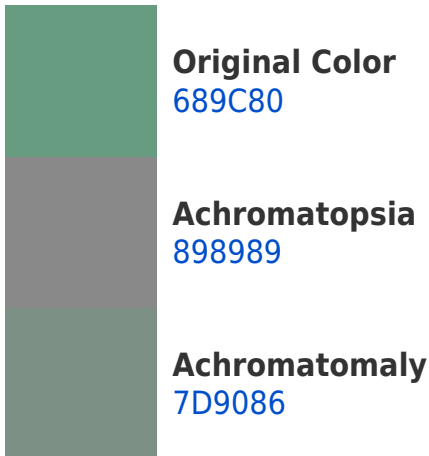


Tritanopia
6F97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 689C80 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 #689C80 looks like.

```
.text, #text, p{  
    color:#689C80  
}
```

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 #689C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689C80
}
```

Border

The CSS property to change the border of an element to Hex 689C80 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
#689C80 }
```

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

```
.border{ border-color:#689C80 }
```

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

Here you see how a box with a 4 pixel #689C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689C80; -webkit-box-shadow:4px 4px  
4px 4px #689C80; box-shadow:4px 4px 4px  
4px #689C80 }
```

Background

The CSS property to change the background color of an element to Hex 689C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689C80 }
```

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

```
.background{ background-color:#689C80 }
```

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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