

Converting Colors

Hex(689C70)

Have a look what the booklet for
Hex(689C70) contains.

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Color

Hex(689C70)

Conversions

Conversions Part 1

Format	Color
Hex	689C70
RGB	104, 156, 112
RGB Percent	41%, 61%, 44%
CMY	0.5922, 0.3882, 0.5608
CMYK	0.33, 0.00, 0.28, 0.39
HSL	129°, 21%, 51%
HSV	129°, 33%, 61%
XYZ	20.5220, 27.8898, 19.6309
YIQ	135.4360, -16.8680, -24.7080

Conversions

Conversions Part 2

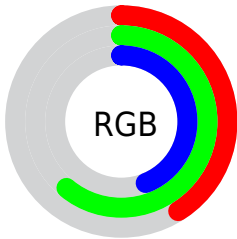
Format	Color
RYB	104, 149, 156
Decimal	6855792
CIELab	59.79, -26.72, 17.69
CIELCh	60, 32.040, 146.497
Yxy	27.8898, 0.3016, 0.4099
Android (android.graphics.Color)	4285045872 (0xFF689C70)
YUV	135.4360, -11.5539, -27.5694
Hunter-Lab	52.8108, -23.0548, 14.9283

Details

The Hex color **689C70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C6894**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9DD3A4**, and **366840** is the 20% darker color. If you saturate the color by 10%, you get **589C63**, and if you desaturate by 10%, it is **789C7D**.

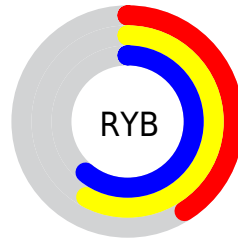
Distribution



Red (41%)

Green (61%)

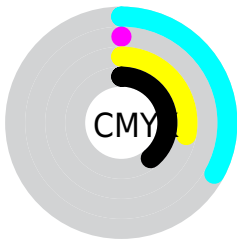
Blue (44%)



Red (41%)

Yellow (58%)

Blue (61%)

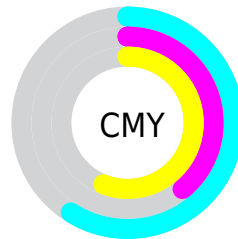


Cyan (33%)

Magenta (0%)

Yellow (28%)

Black (39%)



Cyan (59%)

Magenta (39%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 689C70 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 689C70 by changing the saturation by 10% instead.



689C70



689C70

FFFFFF



4F8257



9DD3A4



366840



B8EFBF



1D5029



D4FFDB



013914



F1FFF8



002300



000000



689C70



689C70



589C63



789C7D



499C56



879C8A

 399C48

 979C98

 2A9C3B

 A69CA5

 1A9C2E

 B69CB2

 0A9C21

 C69CBF

 009C18

 D59CCC

 E59CDA

 F49CE7

Harmonies

Analogous

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



89965D



689C70



449F8C

Triad

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



689C70



6294C8



C77C78

Complementary

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



689C70



9C6894

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.



C47B94



689C70



8F8AC2

Square

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



689C70



339BBE



B180B0



BC8362

Rectangle

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



689C70



2C9F9F



B180B0



C77B81

Sweetspot

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



689C70



B8CCBB



949C68



5A665C



E6E6E6



666666

Same Dimension

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



689C70



7ACC87



689C8A



474F48



008F16



000F02

Inverse Universe

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



9C6894



CC7ABF



9C687A



4F474E



8F0079



0F000D

Previews

White Background



This preview shows how the Hex color 689C70 looks on a white background.

Color Contrast Check

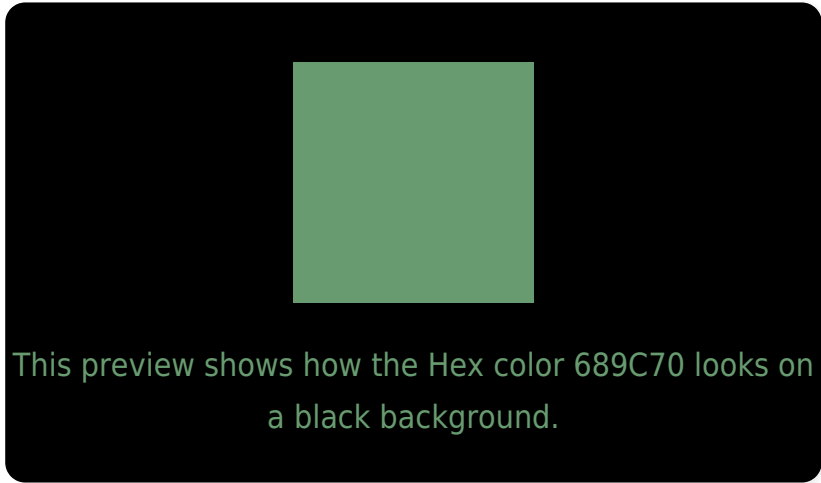
Large Text (above 18pt) WCAG AA ✓ Pass

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

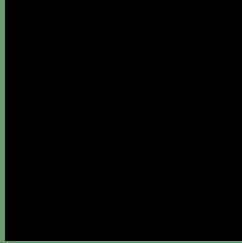
Any Text WCAG AA ✓ Pass

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 689C70 Background



This preview shows how black text looks on a background with the Hex color 689C70.



This preview shows how white text looks on a background with the Hex color 689C70.

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](#).

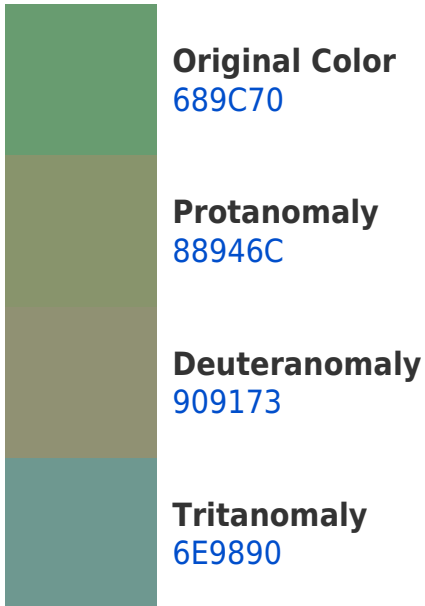
Dichromacy





Tritanopia
7296A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 689C70 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 #689C70 looks like.

```
.text, #text, p{  
    color:#689C70  
}
```

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 #689C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689C70
}
```

Border

The CSS property to change the border of an element to Hex 689C70 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
#689C70 }
```

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

```
.border{ border-color:#689C70 }
```

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

Here you see how a box with a 4 pixel #689C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689C70; -webkit-box-shadow:4px 4px  
4px 4px #689C70; box-shadow:4px 4px 4px  
4px #689C70 }
```

Background

The CSS property to change the background color of an element to Hex 689C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689C70 }
```

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

```
.background{ background-color:#689C70 }
```

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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