

Converting Colors

Hex(689E49)

Have a look what the booklet for
Hex(689E49) contains.

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Color

Hex(689E49)

Conversions

Conversions Part 1

Format	Color
Hex	689E49
RGB	104, 158, 73
RGB Percent	41%, 62%, 29%
CMY	0.5922, 0.3804, 0.7137
CMYK	0.34, 0.00, 0.54, 0.38
HSL	98°, 37%, 45%
HSV	98°, 54%, 62%
XYZ	19.1384, 27.8778, 10.6756
YIQ	132.1640, -4.8990, -37.8830

Conversions

Conversions Part 2

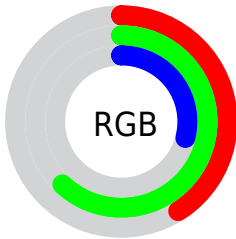
Format	Color
RYB	73, 158, 127
Decimal	6856265
CIELab	59.78, -33.57, 38.43
CIELCh	60, 51.026, 131.138
Yxy	27.8778, 0.3317, 0.4832
Android (android.graphics.Color)	4285046345 (0xFF689E49)
YUV	132.1640, -29.1679, -24.6998
Hunter-Lab	52.7994, -27.6976, 24.9717

Details

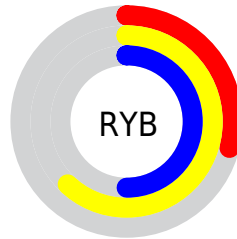
The Hex color **689E49** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7F499E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9ED57C**, and **346A17** is the 20% darker color. If you saturate the color by 10%, you get **5E9E39**, and if you desaturate by 10%, it is **729E59**.

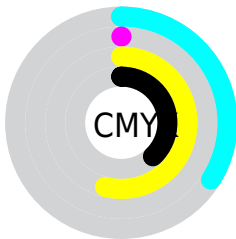
Distribution



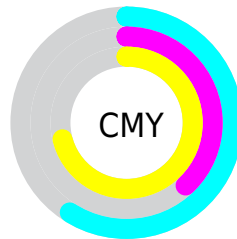
- Red (41%)
- Green (62%)
- Blue (29%)



- Red (29%)
- Yellow (62%)
- Blue (50%)



- Cyan (34%)
- Magenta (0%)
- Yellow (54%)
- Black (38%)



- Cyan (59%)
- Magenta (38%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 689E49 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 689E49 by changing the saturation by 10% instead.



689E49



689E49

FFFFFF



4E8430



9ED57C



346A17



BAF296



185100



D6FFB1



003A00



F3FFCD



002500



FFFEEA



000000



689E49



689E49



5E9E39



729E59



549E29



7C9E69

 4A9E1A

 869E78

 409E0A

 909E88

 3A9E00

 9A9E98

 A49EA8

 AE9EB8

 B89EC7

 C29ED7

Harmonies

Analogous

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



999332



689E49



06A471

Triad

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



689E49



009DE5



E36881

Complementary

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



689E49



7F499E

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.



D36DAE



689E49



5D8FE8

Square

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



689E49



00A4CA



A97DD4



DB7257

Rectangle

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



689E49



00A690



A97DD4



E16890

Sweetspot

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



689E49



BACFAE



9E7F49



5C6955



E8E8E8



696969

Same Dimension

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



689E49



79CF48



499E54



4A4F47



348F00



060F00

Inverse Universe

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



7F499E



9E48CF



9E4993



4C474F



5B008F



0A000F

Previews

White Background



This preview shows how the Hex color 689E49 looks on a white background.

Color Contrast Check

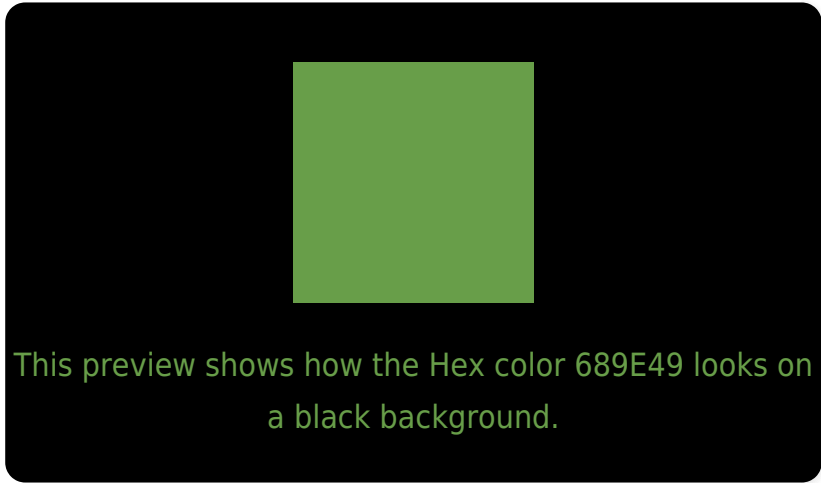
Large Text (above 18pt) WCAG AA ✓ Pass

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 689E49 Background



This preview shows how black text looks on a background with the Hex color 689E49.



This preview shows how white text looks on a background with the Hex color 689E49.

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



Original Color
689E49

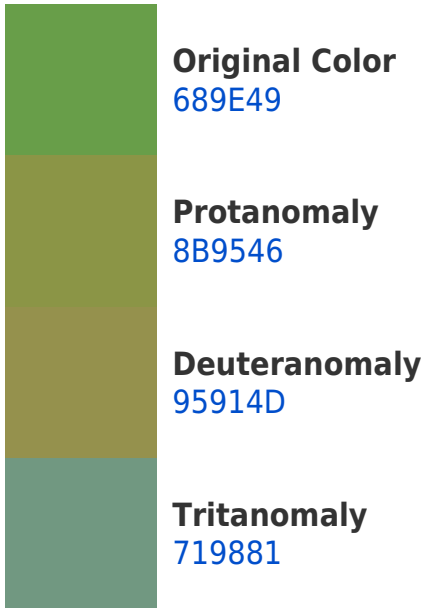
Protanopia
9F9044

Deuteranopia
AF894F

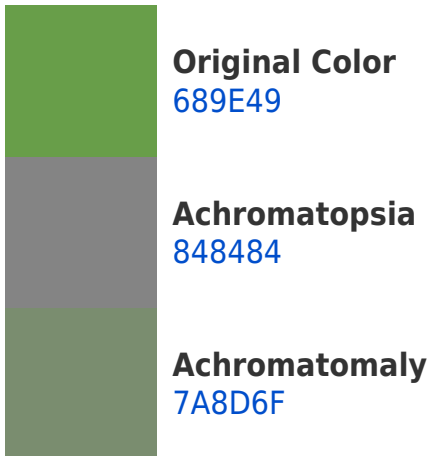


Tritanopia
7695A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 689E49 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 #689E49 looks like.

```
.text, #text, p{  
    color:#689E49  
}
```

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 #689E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689E49
}
```

Border

The CSS property to change the border of an element to Hex 689E49 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
#689E49 }
```

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

```
.border{ border-color:#689E49 }
```

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

Here you see how a box with a 4 pixel #689E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689E49; -webkit-box-shadow:4px 4px  
4px 4px #689E49; box-shadow:4px 4px 4px  
4px #689E49 }
```

Background

The CSS property to change the background color of an element to Hex 689E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689E49 }
```

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

```
.background{ background-color:#689E49 }
```

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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