

Converting Colors

Hex(689D54)

Have a look what the booklet for
Hex(689D54) contains.

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Color

Hex(689D54)

Conversions

Conversions Part 1

Format	Color
Hex	689D54
RGB	104, 157, 84
RGB Percent	41%, 62%, 33%
CMY	0.5922, 0.3843, 0.6706
CMYK	0.34, 0.00, 0.46, 0.38
HSL	104°, 30%, 47%
HSV	104°, 46%, 62%
XYZ	19.3661, 27.6971, 12.7129
YIQ	132.8310, -8.1550, -33.9390

Conversions

Conversions Part 2

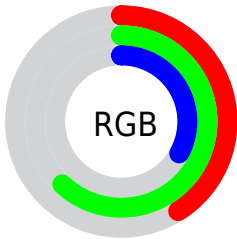
Format	Color
R_{YB}	84, 157, 137
Decimal	6856020
CIE _{Lab}	59.61, -31.70, 32.62
CIE _{LCh}	60, 45.486, 134.186
Yxy	27.6971, 0.3240, 0.4633
Android (android.graphics.Color)	4285046100 (0xFF689D54)
YUV	132.8310, -24.0737, -25.2848
Hunter-Lab	52.6280, -26.4144, 22.5175

Details

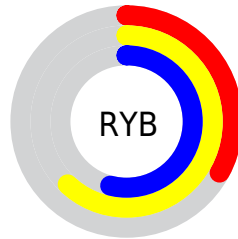
The Hex color **689D54** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **89549D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9DD487**, and **356924** is the 20% darker color. If you saturate the color by 10%, you get **5D9D44**, and if you desaturate by 10%, it is **739D64**.

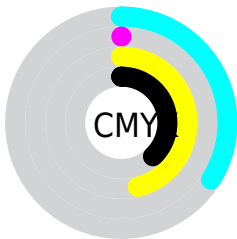
Distribution



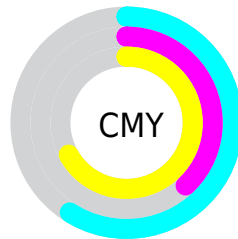
- Red (41%)
- Green (62%)
- Blue (33%)



- Red (33%)
- Yellow (62%)
- Blue (54%)



- Cyan (34%)
- Magenta (0%)
- Yellow (46%)
- Black (38%)



- Cyan (59%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 689D54 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 689D54 by changing the saturation by 10% instead.



689D54



689D54

FFFFFF



4E833C



9DD487



356924



B9F0A1



1A510C



D5FFBD



003900



F2FFD9



002400



FFFFFF5



000000



689D54



689D54



5D9D44



739D64



519D35



7F9D73

 469D25

 8A9D83

 3A9D15

 969D93

 2F9D05

 A19DA3

 2B9D00

 AC9DB2

 B89DC2

 C39DD2

 CF9DE1

Harmonies

Analogous

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



95933F



689D54



22A278

Triad

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



689D54



009ADC



DB6E7E

Complementary

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



689D54



89549D

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.



CF71A6



689D54



6F8DDD

Square

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



689D54



00A1C6



AB7EC9



D2775A

Rectangle

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



689D54



00A494



AB7EC9



D96D8B

Sweetspot

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



689D54



B7CCAF



9D8854



596655



E6E6E6



666666

Same Dimension

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



689D54



79CC5A



549D64



494F47



278F00



040F00

Inverse Universe

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



89549D



AD5ACC



9D548D



4D474F



68008F



0B000F

Previews

White Background



This preview shows how the Hex color 689D54 looks on a white background.

Color Contrast Check

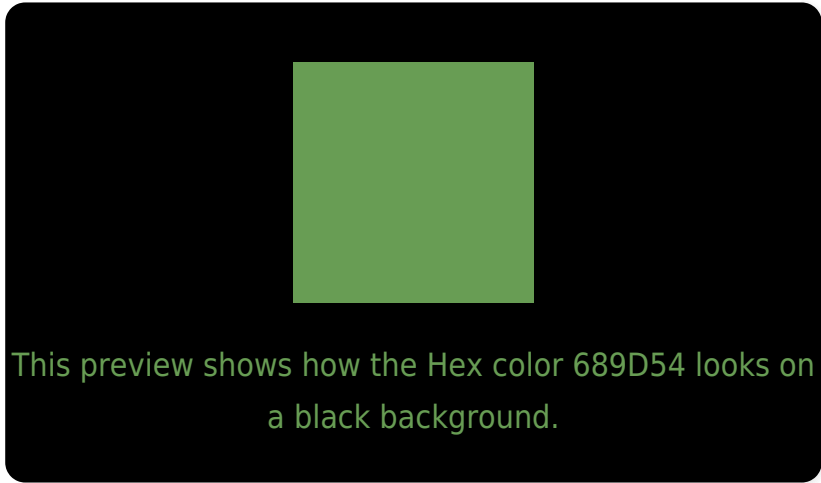
Large Text (above 18pt) WCAG AA ✓ Pass

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

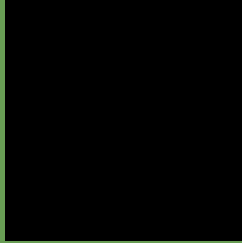
Any Text WCAG AA ✓ Pass

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 689D54 Background



This preview shows how black text looks on a background with the Hex color 689D54.

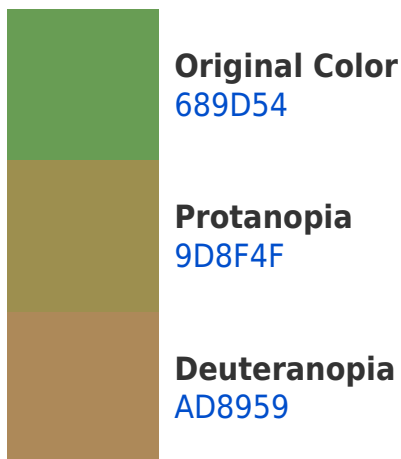


This preview shows how white text looks on a background with the Hex color 689D54.

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](#).

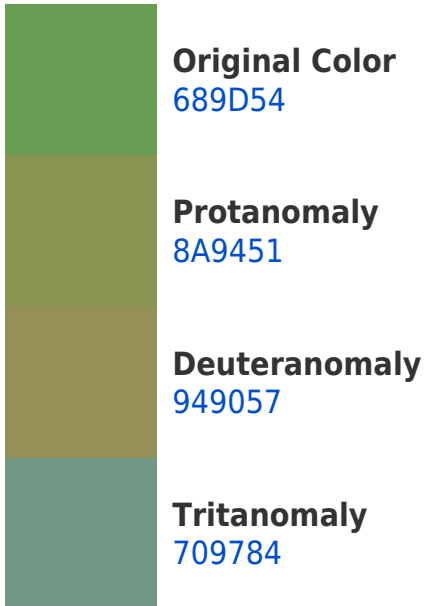
Dichromacy



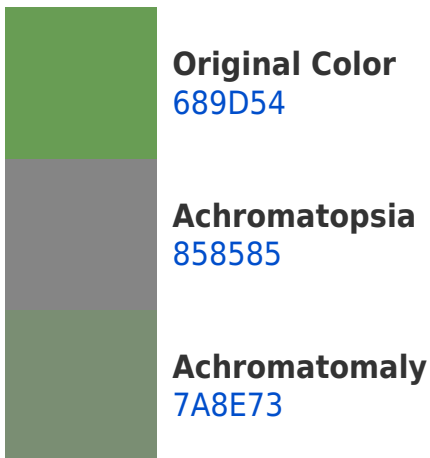


Tritanopia
7594A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 689D54 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 #689D54 looks like.

```
.text, #text, p{  
    color:#689D54  
}
```

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 #689D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689D54
}
```

Border

The CSS property to change the border of an element to Hex 689D54 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
#689D54 }
```

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

```
.border{ border-color:#689D54 }
```

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

Here you see how a box with a 4 pixel #689D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689D54; -webkit-box-shadow:4px 4px  
4px 4px #689D54; box-shadow:4px 4px 4px  
4px #689D54 }
```

Background

The CSS property to change the background color of an element to Hex 689D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689D54 }
```

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

```
.background{ background-color:#689D54 }
```

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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