

Converting Colors

Hex(689D5F)

Have a look what the booklet for
Hex(689D5F) contains.

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Color

Hex(689D5F)

Conversions

Conversions Part 1

Format	Color
Hex	689D5F
RGB	104, 157, 95
RGB Percent	41%, 62%, 37%
CMY	0.5922, 0.3843, 0.6275
CMYK	0.34, 0.00, 0.39, 0.38
HSL	111°, 25%, 49%
HSV	111°, 39%, 62%
XYZ	19.8314, 27.8832, 15.1632
YIQ	134.0850, -11.6860, -30.5180

Conversions

Conversions Part 2

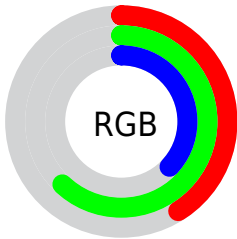
Format	Color
RYB	95, 157, 148
Decimal	6856031
CIELab	59.78, -30.09, 26.99
CIElCh	60, 40.426, 138.109
Yxy	27.8832, 0.3154, 0.4435
Android (android.graphics.Color)	4285046111 (0xFF689D5F)
YUV	134.0850, -19.2689, -26.3845
Hunter-Lab	52.8046, -25.3700, 19.9376

Details

The Hex color **689D5F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **945F9D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9DD492**, and **35692F** is the 20% darker color. If you saturate the color by 10%, you get **5B9D4F**, and if you desaturate by 10%, it is **759D6F**.

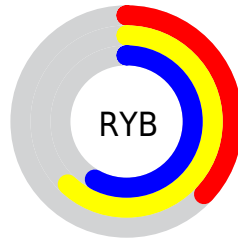
Distribution



Red (41%)

Green (62%)

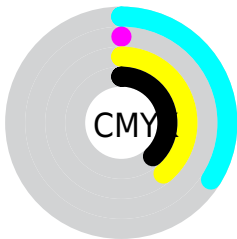
Blue (37%)



Red (37%)

Yellow (62%)

Blue (58%)

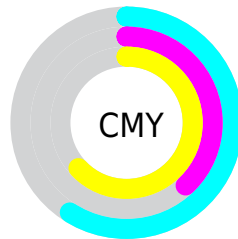


Cyan (34%)

Magenta (0%)

Yellow (39%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 689D5F 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 689D5F by changing the saturation by 10% instead.



689D5F



689D5F

FFFFFF



4E8347



9DD492



35692F



B9F0AD



1B5119



D5FFC9



003900



F2FFE5



002400



000000



689D5F



689D5F



5B9D4F



759D6F



4D9D40



839D7E

 409D30

 909D8E

 329D20

 9E9D9E

 259D11

 AB9DAD

 179D01

 B99DBD

 179D00

 C69DCD

 D39DDD

 E19DEC

Harmonies

Analogous

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



91954A



689D5F



31A280

Triad

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



689D5F



3298D5



D4747C

Complementary

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



689D5F



945F9D

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.



CB75A0



689D5F



7D8CD4

Square

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



689D5F



009FC4



AE7FC0



CA7C5C

Rectangle

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



689D5F



00A399



AE7FC0



D37388

Sweetspot

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



689D5F



B7CCB4



9D945F



5A6658



E6E6E6



666666

Same Dimension

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



689D5F



7ACC6C



5F9D75



484F47



158F00



020F00

Inverse Universe

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



945F9D



BE6CCC



9D5F87



4E474F



7A008F



0D000F

Previews

White Background



This preview shows how the Hex color 689D5F looks on a white background.

Color Contrast Check

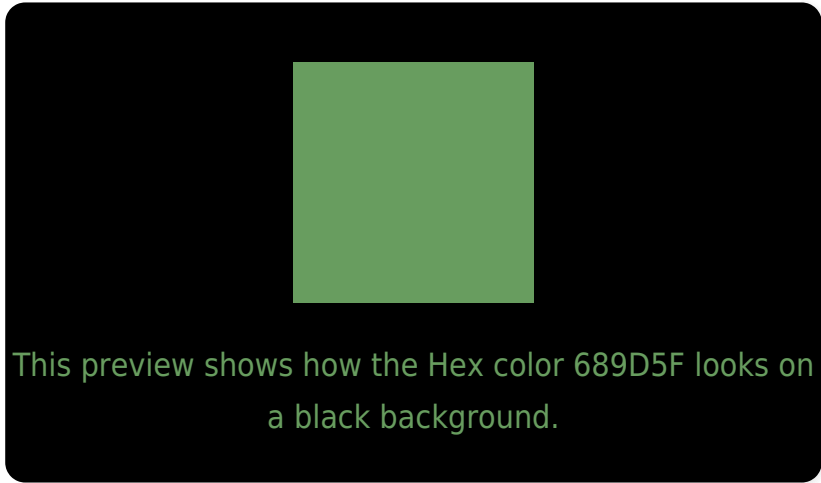
Large Text (above 18pt) WCAG AA ✓ Pass

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

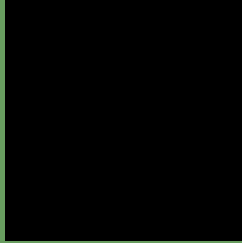
Any Text WCAG AA ✓ Pass

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 689D5F Background



This preview shows how black text looks on a background with the Hex color 689D5F.



This preview shows how white text looks on a background with the Hex color 689D5F.

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](#).

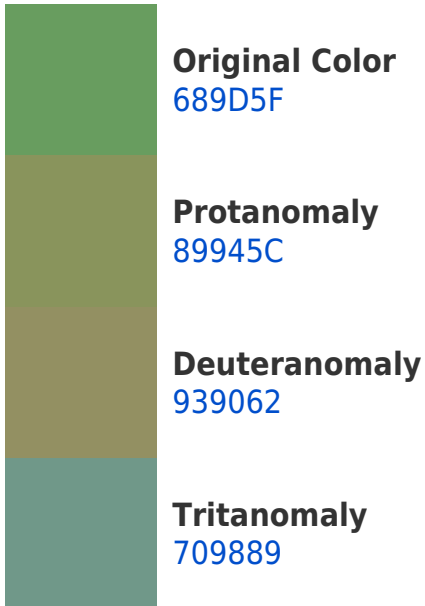
Dichromacy



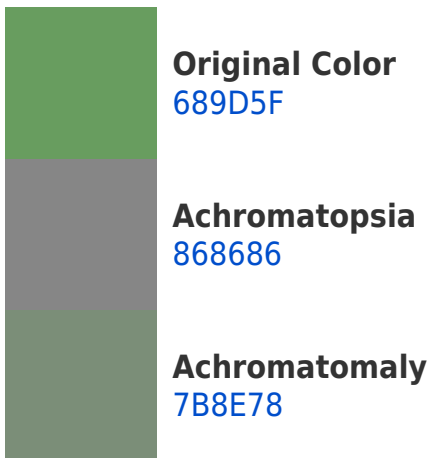


Tritanopia
7495A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 689D5F 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 #689D5F looks like.

```
.text, #text, p{  
    color:#689D5F  
}
```

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 #689D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689D5F
}
```

Border

The CSS property to change the border of an element to Hex 689D5F 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
#689D5F }
```

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

```
.border{ border-color:#689D5F }
```

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

Here you see how a box with a 4 pixel #689D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689D5F; -webkit-box-shadow:4px 4px  
4px 4px #689D5F; box-shadow:4px 4px 4px  
4px #689D5F }
```

Background

The CSS property to change the background color of an element to Hex 689D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689D5F }
```

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

```
.background{ background-color:#689D5F }
```

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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