

Converting Colors

Hex(649F6C)

Have a look what the booklet for
Hex(649F6C) contains.

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Color

Hex(649F6C)

Conversions

Conversions Part 1

Format	Color
Hex	649F6C
RGB	100, 159, 108
RGB Percent	39%, 62%, 42%
CMY	0.6078, 0.3765, 0.5765
CMYK	0.37, 0.00, 0.32, 0.38
HSL	128°, 24%, 51%
HSV	128°, 37%, 62%
XYZ	20.3604, 28.5883, 18.6323
YIQ	135.5450, -18.7930, -28.3690

Conversions

Conversions Part 2

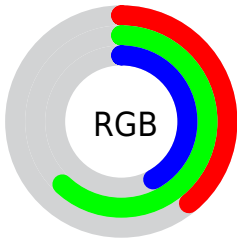
Format	Color
RYB	100, 152, 159
Decimal	6594412
CIELab	60.42, -30.21, 20.72
CIELCh	60, 36.631, 145.561
Yxy	28.5883, 0.3013, 0.4230
Android (android.graphics.Color)	4284784492 (0xFF649F6C)
YUV	135.5450, -13.5797, -31.1730
Hunter-Lab	53.4680, -25.5969, 16.7665

Details

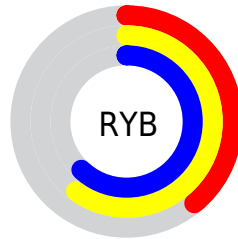
The Hex color **649F6C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F6497**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **99D6A0**, and **316B3C** is the 20% darker color. If you saturate the color by 10%, you get **549F5E**, and if you desaturate by 10%, it is **749F7A**.

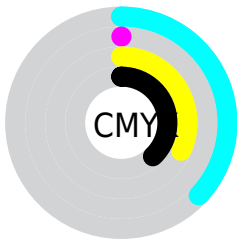
Distribution



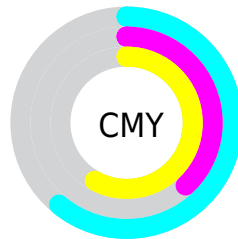
- Red (39%)
- Green (62%)
- Blue (42%)



- Red (39%)
- Yellow (60%)
- Blue (62%)



- Cyan (37%)
- Magenta (0%)
- Yellow (32%)
- Black (38%)



- Cyan (61%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649F6C 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 649F6C by changing the saturation by 10% instead.



649F6C



649F6C

FFFFFF



4A8553



99D6A0



316B3C



B4F3BB



165226



D1FFD7



003B10



EDFFF3



002500



000300



000000



649F6C



649F6C



549F5E



749F7A

 449F51

 849F87

 349F43

 949F95

 249F35


 A49FA3

 149F27

 B39FB1

 059F1A

 C39FBE

 009F16

 D39FCC

 E39FDA

 F39FE8

Harmonies

Analogous

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



8A9856



649F6C



34A28C

Triad

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



649F6C



5796D2



D07A77

Complementary

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



649F6C



9F6497

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.



CC7898



649F6C



8E8BCC

Square

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



649F6C



009EC6



B67FB7



C3835D

Rectangle

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



649F6C



00A3A2



B67FB7



D07882

Sweetspot

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



649F6C



B8CFBB



979F64



5B695D



E8E8E8



696969

Same Dimension

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



649F6C



72CF7E



649F89



474F48



008F13



000F02

Inverse Universe

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



9F6497



CF72C2



9F647A



4F474E



8F007B



0F000D

Previews

White Background



This preview shows how the Hex color 649F6C looks on a white background.

Color Contrast Check

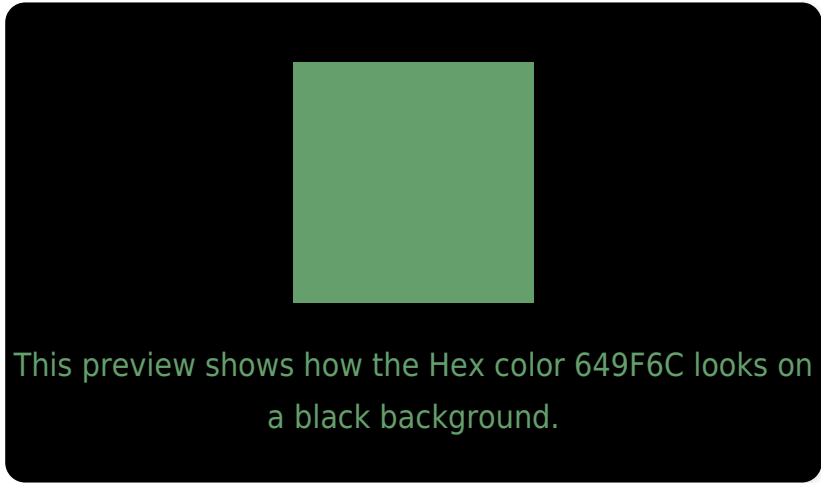
Large Text (above 18pt) WCAG AA ✓ Pass

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

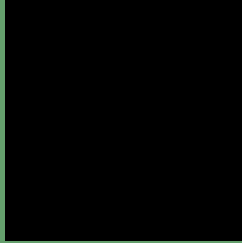
Any Text WCAG AA ✓ Pass

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 649F6C Background



This preview shows how black text looks on a background with the Hex color 649F6C.

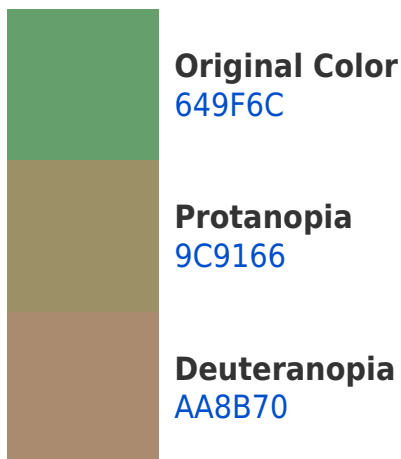


This preview shows how white text looks on a background with the Hex color 649F6C.

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](#).

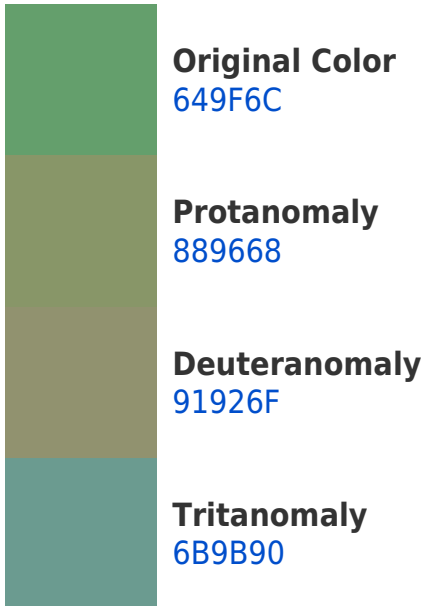
Dichromacy





Tritanopia
6F98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649F6C 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 #649F6C looks like.

```
.text, #text, p{  
    color:#649F6C  
}
```

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 #649F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649F6C
}
```

Border

The CSS property to change the border of an element to Hex 649F6C 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
#649F6C }
```

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

```
.border{ border-color:#649F6C }
```

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

Here you see how a box with a 4 pixel #649F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649F6C; -webkit-box-shadow:4px 4px  
4px 4px #649F6C; box-shadow:4px 4px 4px  
4px #649F6C }
```

Background

The CSS property to change the background color of an element to Hex 649F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649F6C }
```

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

```
.background{ background-color:#649F6C }
```

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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