

Converting Colors

Hex(649C4B)

Have a look what the booklet for
Hex(649C4B) contains.

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Color

Hex(649C4B)

Conversions

Conversions Part 1

Format	Color
Hex	649C4B
RGB	100, 156, 75
RGB Percent	39%, 61%, 29%
CMY	0.6078, 0.3882, 0.7059
CMYK	0.36, 0.00, 0.52, 0.39
HSL	101°, 35%, 45%
HSV	101°, 52%, 61%
XYZ	18.4140, 26.9943, 10.8965
YIQ	130.0220, -7.3750, -37.0630

Conversions

Conversions Part 2

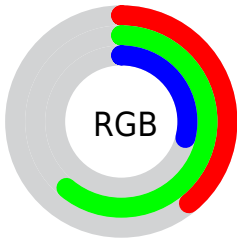
Format	Color
RYB	75, 156, 131
Decimal	6593611
CIELab	58.97, -33.83, 36.40
CIELCh	59, 49.692, 132.899
Yxy	26.9943, 0.3270, 0.4794
Android (android.graphics.Color)	4284783691 (0xFF649C4B)
YUV	130.0220, -27.1258, -26.3293
Hunter-Lab	51.9560, -27.6599, 23.9346

Details

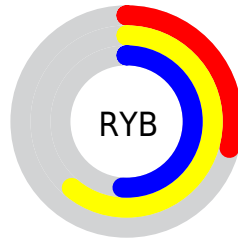
The Hex color **649C4B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **834B9C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9AD37E**, and **30681A** is the 20% darker color. If you saturate the color by 10%, you get **599C3B**, and if you desaturate by 10%, it is **6F9C5B**.

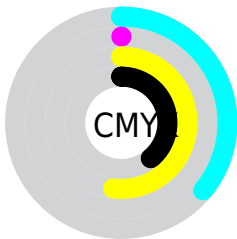
Distribution



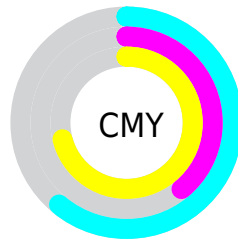
- Red (39%)
- Green (61%)
- Blue (29%)



- Red (29%)
- Yellow (61%)
- Blue (51%)



- Cyan (36%)
- Magenta (0%)
- Yellow (52%)
- Black (39%)



- Cyan (61%)
- Magenta (39%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649C4B 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 649C4B by changing the saturation by 10% instead.



649C4B



649C4B

FFFFFF



4A8233



9AD37E



30681A



B5EF98



135000



D2FFB3



003800



EEFFCF



002400



FFFEC



000000



649C4B



649C4B



599C3B



6F9C5B



4E9C2C



7A9C6A

■ 449C1C

■ 849C7A

■ 399C0D

■ 8F9C89

■ 309C00

■ 9A9C99

■ A59CA9

■ AF9CB8

■ BA9CC8

■ C59CD7

Harmonies

Analogous

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



949234



649C4B



00A273

Triad

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



649C4B



009AE1



DF687D

Complementary

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



649C4B



834B9C

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.



D16BA9



649C4B



638CE3

Square

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



649C4B



00A1C8



A97BCE



D67254

Rectangle

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



649C4B



00A391



A97BCE



DD678B

Sweetspot

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



649C4B



B5CCAB



9C824B



596653



E6E6E6



666666

Same Dimension

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



649C4B



75CC4E



4B9C5A



4A4F47



2C8F00



050F00

Inverse Universe

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



834B9C



A54ECC



9C4B8D



4D474F



63008F



0B000F

Previews

White Background



This preview shows how the Hex color 649C4B looks on a white background.

Color Contrast Check

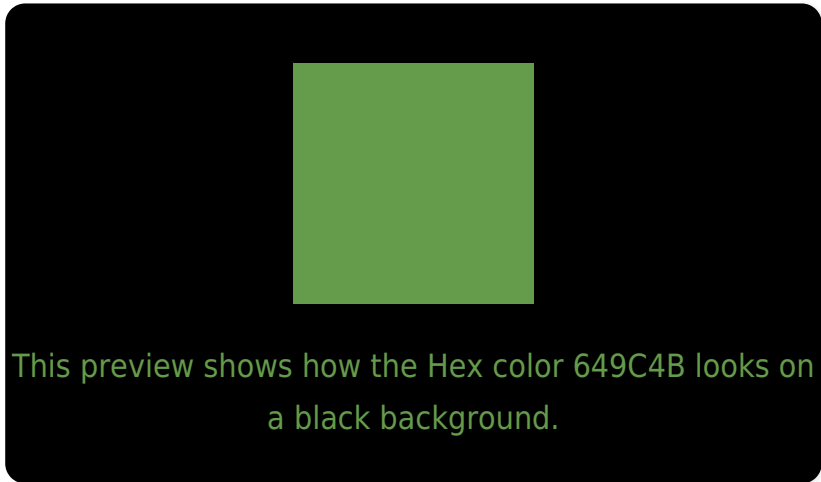
Large Text (above 18pt) WCAG AA ✓ Pass

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 649C4B Background



This preview shows how black text looks on a background with the Hex color 649C4B.

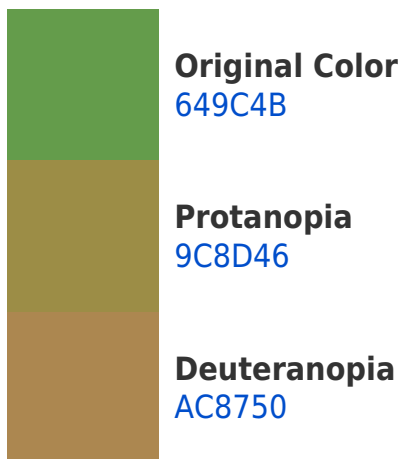



This preview shows how white text looks on a background with the Hex color 649C4B.

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](#).

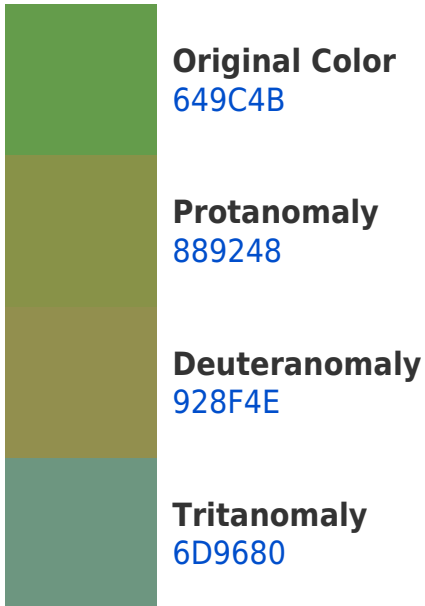
Dichromacy



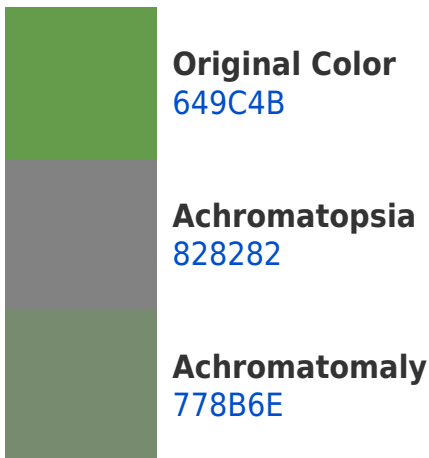


Tritanopia
72939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649C4B 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 #649C4B looks like.

```
.text, #text, p{  
    color:#649C4B  
}
```

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 #649C4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649C4B
}
```

Border

The CSS property to change the border of an element to Hex 649C4B 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
#649C4B }
```

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

```
.border{ border-color:#649C4B }
```

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

Here you see how a box with a 4 pixel #649C4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649C4B; -webkit-box-shadow:4px 4px  
4px 4px #649C4B; box-shadow:4px 4px 4px  
4px #649C4B }
```

Background

The CSS property to change the background color of an element to Hex 649C4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649C4B }
```

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

```
.background{ background-color:#649C4B }
```

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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