

Converting Colors

Hex(649A5A)

Have a look what the booklet for
Hex(649A5A) contains.

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Color

Hex(649A5A)

Conversions

Conversions Part 1

Format	Color
Hex	649A5A
RGB	100, 154, 90
RGB Percent	39%, 60%, 35%
CMY	0.6078, 0.3961, 0.6471
CMYK	0.35, 0.00, 0.42, 0.40
HSL	111°, 26%, 48%
HSV	111°, 42%, 60%
XYZ	18.6566, 26.5587, 13.8159
YIQ	130.5580, -11.6400, -31.3520

Conversions

Conversions Part 2

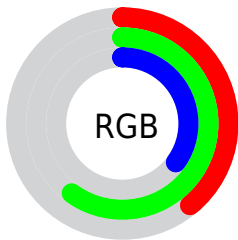
Format	Color
R_{YB}	90, 154, 144
Decimal	6593114
CIE _{Lab}	58.56, -30.81, 28.06
CIE _{LCh}	59, 41.673, 137.681
Yxy	26.5587, 0.3160, 0.4499
Android (android.graphics.Color)	4284783194 (0xFF649A5A)
YUV	130.5580, -19.9951, -26.7994
Hunter-Lab	51.5351, -25.5665, 20.1797

Details

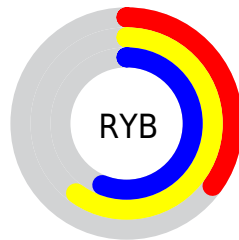
The Hex color **649A5A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **905A9A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **99D18D**, and **31662B** is the 20% darker color. If you saturate the color by 10%, you get **579A4B**, and if you desaturate by 10%, it is **719A69**.

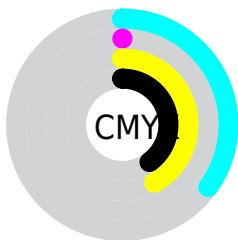
Distribution



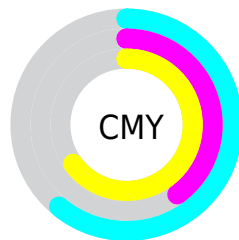
- Red (39%)
- Green (60%)
- Blue (35%)



- Red (35%)
- Yellow (60%)
- Blue (56%)



- Cyan (35%)
- Magenta (0%)
- Yellow (42%)
- Black (40%)



- Cyan (61%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649A5A 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 649A5A by changing the saturation by 10% instead.



649A5A



649A5A

FFFFFF



4A8042



99D18D



31662B



B4EDA8



174E14



D1FFC3



003700



EDFFDF



002200



FFFFFFC



000000



649A5A



649A5A



579A4B



719A69



4A9A3B



7E9A79

 3D9A2C

 8B9A88

 309A1C

 989A98

 239A0D

 A59AA7

 189A00

 B29AB6

 BF9AC6

 CC9AD5

 D99AE5

Harmonies

Analogous

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



8E9245



649A5A



279F7C

Triad

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



649A5A



2095D4



D26F79

Complementary

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



649A5A



905A9A

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.



C9709D



649A5A



7889D2

Square

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



649A5A



009DC2



AB7BBE



C87858

Rectangle

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



649A5A



00A095



AB7BBE



D26E85

Sweetspot

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



649A5A



B5C9B1



9A8F5A



5A6658



E6E6E6



666666

Same Dimension

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



649A5A



74C965



5A9A6F



464D45



168C00



020D00

Inverse Universe

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



905A9A



BA65C9



9A5A85



4B454D



76008C



0B000D

Previews

White Background



This preview shows how the Hex color 649A5A looks on a white background.

Color Contrast Check

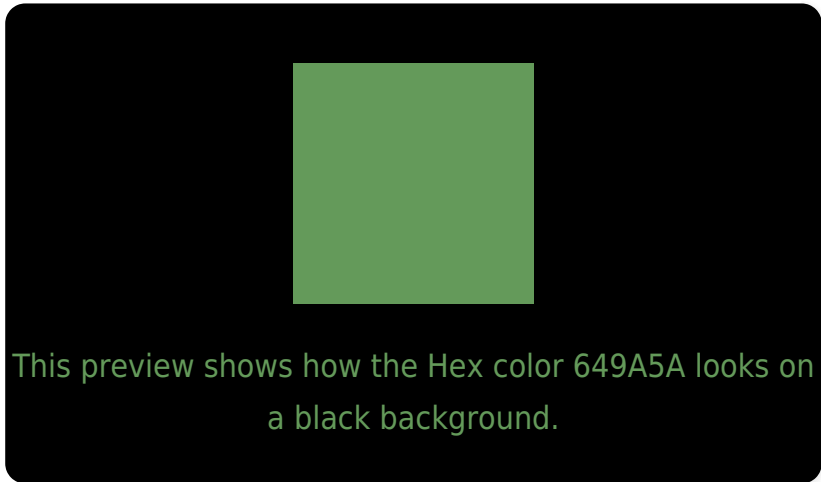
Large Text (above 18pt) WCAG AA ✓ Pass

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

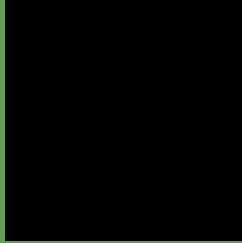
Any Text WCAG AA ✓ Pass

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 649A5A Background



This preview shows how black text looks on a background with the Hex color 649A5A.



This preview shows how white text looks on a background with the Hex color 649A5A.

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](#).

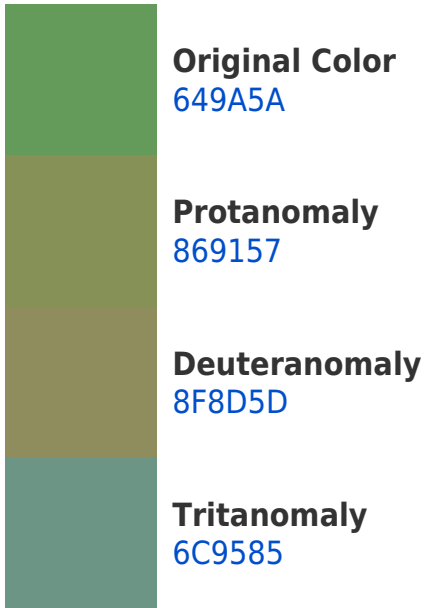
Dichromacy



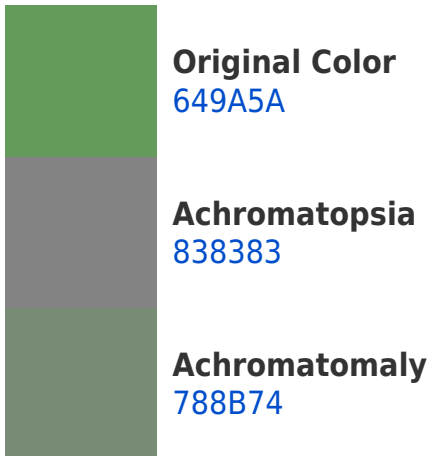


Tritanopia
70929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649A5A 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 #649A5A looks like.

```
.text, #text, p{  
    color:#649A5A  
}
```

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 #649A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649A5A
}
```

Border

The CSS property to change the border of an element to Hex 649A5A 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
#649A5A }
```

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

```
.border{ border-color:#649A5A }
```

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

Here you see how a box with a 4 pixel #649A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649A5A; -webkit-box-shadow:4px 4px  
4px 4px #649A5A; box-shadow:4px 4px 4px  
4px #649A5A }
```

Background

The CSS property to change the background color of an element to Hex 649A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649A5A }
```

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

```
.background{ background-color:#649A5A }
```

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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