

Converting Colors

Hex(649D2D)

Have a look what the booklet for
Hex(649D2D) contains.

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Color

Hex(649D2D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 649D2D |
| RGB | 100, 157, 45 |
| RGB Percent | 39%, 62%, 18% |
| CMY | 0.6078, 0.3843, 0.8235 |
| CMYK | 0.36, 0.00, 0.71, 0.38 |
| HSL | 91°, 55%, 40% |
| HSV | 91°, 71%, 62% |
| XYZ | 17.7862, 27.0127, 6.7592 |
| YIQ | 127.1890, 1.9800, -46.9160 |

Conversions

Conversions Part 2

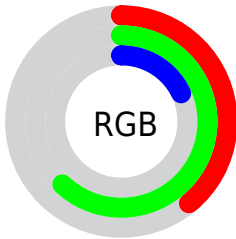
| Format | Color |
|-------------------------------------|--|
| RYB | 45, 157, 102 |
| Decimal | 6593837 |
| CIELab | 58.99, -37.23, 50.10 |
| CIELCh | 59, 62.413, 126.616 |
| Yxy | 27.0127, 0.3450, 0.5239 |
| Android (android.graphics.Color) | 4284783917 (0xFF649D2D) |
| YUV | 127.1890, -40.5192, -23.8448 |
| Hunter-Lab | 51.9738, -29.8689, 28.6710 |

Details

The Hex color **649D2D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **662D9D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **9BD462**, and **2D6900** is the 20% darker color. If you saturate the color by 10%, you get **5C9D1D**, and if you desaturate by 10%, it is **6C9D3D**.

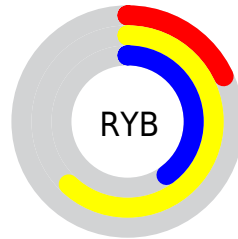
Distribution



Red (39%)

Green (62%)

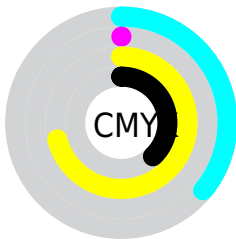
Blue (18%)



Red (18%)

Yellow (62%)

Blue (40%)

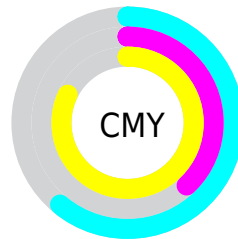


Cyan (36%)

Magenta (0%)

Yellow (71%)

Black (38%)



Cyan (61%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649D2D 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 649D2D by changing the saturation by 10% instead.

 649D2D

 649D2D

FFFFFF

 49830E

 9BD462

 2D6900

 B7F17C

 105000

 D4FF97

 003900

 F1FFB3

 002500

 FFFFCF

 000000

 FFFFE0

 649D2D

 649D2D

 5C9D1D

 6C9D3D

■ 549D0E

■ 749D4C

■ 4D9D00

■ 7C9D5C

■ 849D6C

■ 8C9D7C

■ 949D8B

■ 9C9D9B

■ A49DAB

■ AC9DBA

Harmonies

Analogous

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



9E8F07



649D2D



00A560

Triad

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



649D2D



009FF2



F05784

Complementary

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



649D2D



662D9D

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.



D962BB



649D2D



0090FB

Square

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



649D2D



00A6CE



9F7AE6



E9644F

Rectangle

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



649D2D



00A786



9F7AE6



EC5897

Sweetspot

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



649D2D



B6CCA1



9D652D



59664D



E6E6E6



666666

Same Dimension

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



649D2D



73CC1D



2D9D2D



4B4F47



468F00



080F00

Inverse Universe

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



662D9D



761DCC



9D2D9D



4B474F



49008F



08000F

Previews

White Background



This preview shows how the Hex color 649D2D looks on a white background.

Color Contrast Check

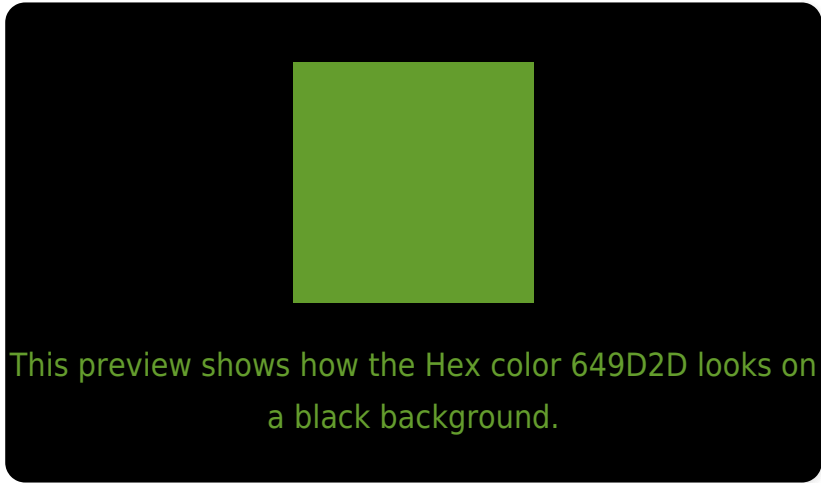
Large Text (above 18pt) WCAG AA ✓ Pass

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 649D2D Background



This preview shows how black text looks on a background with the Hex color 649D2D.



This preview shows how white text looks on a background with the Hex color 649D2D.

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](#).

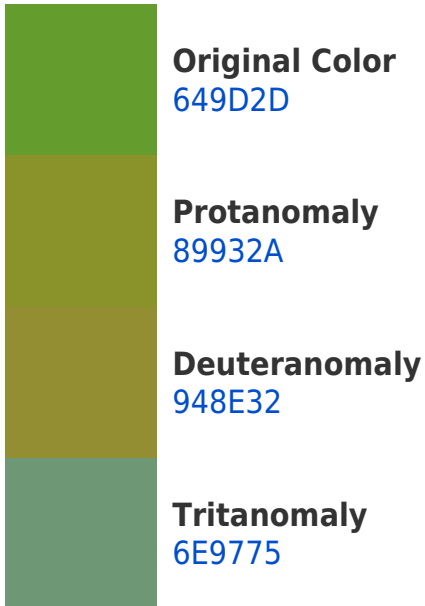
Dichromacy



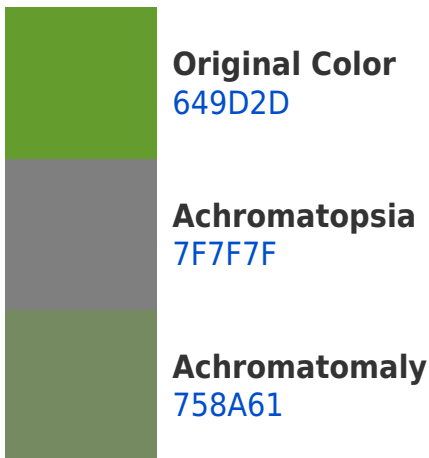


Tritanopia
74939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649D2D 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 #649D2D looks like.

```
.text, #text, p{  
    color:#649D2D  
}
```

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 #649D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649D2D
}
```

Border

The CSS property to change the border of an element to Hex 649D2D 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
#649D2D }
```

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

```
.border{ border-color:#649D2D }
```

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

Here you see how a box with a 4 pixel #649D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649D2D; -webkit-box-shadow:4px 4px  
4px 4px #649D2D; box-shadow:4px 4px 4px  
4px #649D2D }
```

Background

The CSS property to change the background color of an element to Hex 649D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649D2D }
```

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

```
.background{ background-color:#649D2D }
```

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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