

Converting Colors

Hex(649648)

Have a look what the booklet for
Hex(649648) contains.

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Color

Hex(649648)

Conversions

Conversions Part 1

Format	Color
Hex	649648
RGB	100, 150, 72
RGB Percent	39%, 59%, 28%
CMY	0.6078, 0.4118, 0.7176
CMYK	0.33, 0.00, 0.52, 0.41
HSL	98°, 35%, 44%
HSV	98°, 52%, 59%
XYZ	17.3316, 24.9899, 10.0410
YIQ	126.1580, -4.7620, -34.8580

Conversions

Conversions Part 2

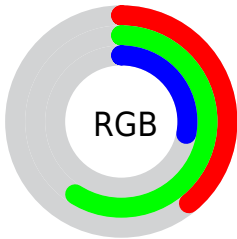
Format	Color
RYB	72, 150, 122
Decimal	6592072
CIELab	57.07, -31.41, 35.62
CIELCh	57, 47.485, 131.404
Yxy	24.9899, 0.3310, 0.4772
Android (android.graphics.Color)	4284782152 (0xFF649648)
YUV	126.1580, -26.6999, -22.9406
Hunter-Lab	49.9899, -25.5961, 23.0840

Details

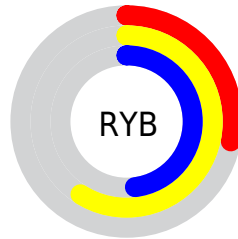
The Hex color **649648** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7A4896**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **99CD7A**, and **316317** is the 20% darker color. If you saturate the color by 10%, you get **5A9639**, and if you desaturate by 10%, it is **6E9657**.

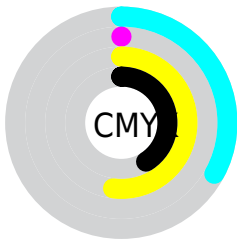
Distribution



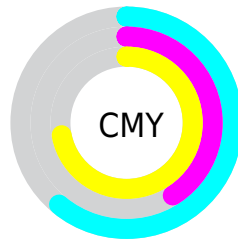
- Red (39%)
- Green (59%)
- Blue (28%)



- Red (28%)
- Yellow (59%)
- Blue (48%)



- Cyan (33%)
- Magenta (0%)
- Yellow (52%)
- Black (41%)



- Cyan (61%)
- Magenta (41%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649648 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 649648 by changing the saturation by 10% instead.



649648



649648

FFFFFF



4A7C30



99CD7A



316317



B5E995



164A00



D1FFB0



003300



EEFFCC



002000



FFFFE8



000000



649648



649648



5A9639



6E9657



51962A



779666

■ 47961B

■ 819675

■ 3E960C

■ 8A9684

■ 369600

■ 949693

■ 9E96A2

■ A796B1

■ B196C0

■ BB96CF

Harmonies

Analogous

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



918C33



649648



169C6D

Triad

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



649648



0095D7



D6657B

Complementary

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



649648



7A4896

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.



C769A4



649648



5C88DA

Square

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



649648



009CBF



A078C7



CE6E54

Rectangle

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



649648



009D8A



A078C7



D46589

Sweetspot

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



649648



AEC2A3



967948



55614E



E0E0E0



616161

Same Dimension

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



649648



75C24A



489652



454A43



318A00



040A00

Inverse Universe

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



7A4896



974AC2



96488C



47434A



58008A



07000A

Previews

White Background



This preview shows how the Hex color 649648 looks on a white background.

Color Contrast Check

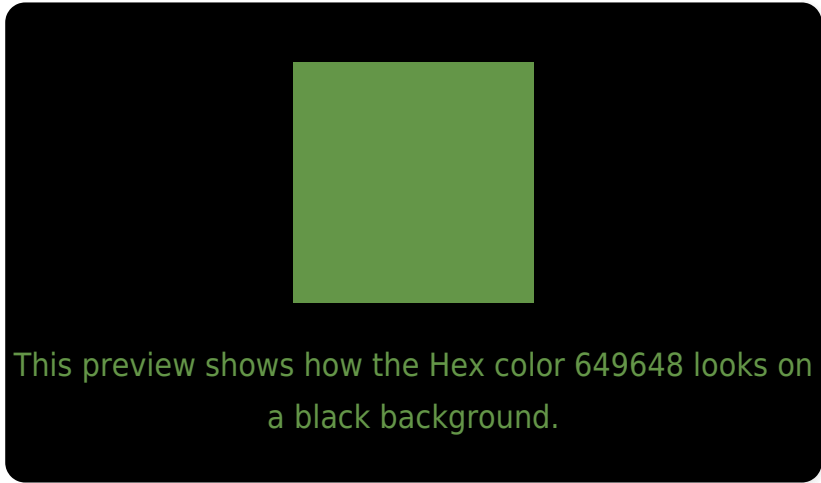
Large Text (above 18pt) WCAG AA ✓ Pass

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 649648 Background



This preview shows how black text looks on a background with the Hex color 649648.



This preview shows how white text looks on a background with the Hex color 649648.

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](#).

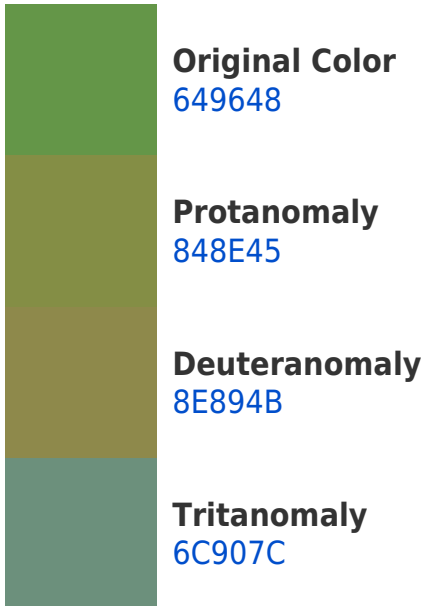
Dichromacy



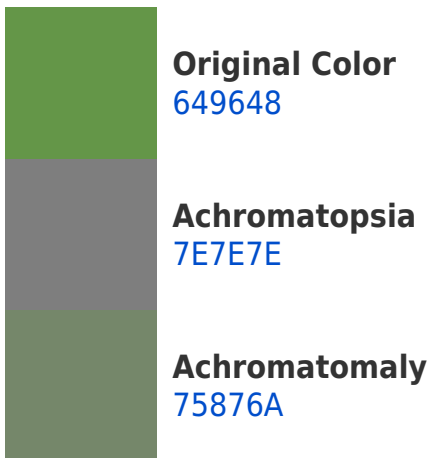


Tritanopia
718D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649648 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 #649648 looks like.

```
.text, #text, p{  
    color:#649648  
}
```

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 #649648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649648
}
```

Border

The CSS property to change the border of an element to Hex 649648 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
#649648 }
```

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

```
.border{ border-color:#649648 }
```

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

Here you see how a box with a 4 pixel #649648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649648; -webkit-box-shadow:4px 4px  
4px 4px #649648; box-shadow:4px 4px 4px  
4px #649648 }
```

Background

The CSS property to change the background color of an element to Hex 649648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649648 }
```

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

```
.background{ background-color:#649648 }
```

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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