

# Converting Colors

Hex(648054)

Have a look what the booklet for  
Hex(648054) contains.

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# Color

Hex(648054)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	648054
RGB	100, 128, 84
RGB Percent	39%, 50%, 33%
CMY	0.6078, 0.4980, 0.6706
CMYK	0.22, 0.00, 0.34, 0.50
HSL	98°, 21%, 42%
HSV	98°, 34%, 50%
XYZ	14.5749, 18.7878, 11.2457
YIQ	114.6120, -2.5640, -19.6200

# Conversions

## Conversions Part 2

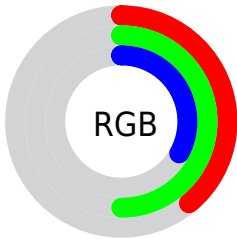
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 128, 112
Decimal	6586452
CIELab	50.44, -18.75, 20.71
CIELCh	50, 27.935, 132.148
Yxy	18.7878, 0.3267, 0.4212
Android (android.graphics.Color)	4284776532 (0xFF648054)
YUV	114.6120, -15.0917, -12.8147
Hunter-Lab	43.3449, -15.8319, 14.9587

# Details

The Hex color **648054** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **705480**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **98B586**, and **344F26** is the 20% darker color. If you saturate the color by 10%, you get **5C8047**, and if you desaturate by 10%, it is **6C8061**.

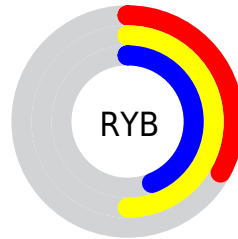
# Distribution



Red (39%)

Green (50%)

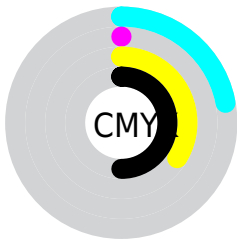
Blue (33%)



Red (33%)

Yellow (50%)

Blue (44%)

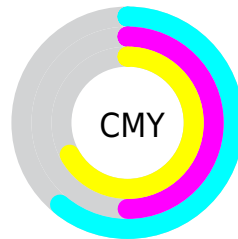


Cyan (22%)

Magenta (0%)

Yellow (34%)

Black (50%)



Cyan (61%)

Magenta (50%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 648054 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 648054 by changing the saturation by 10% instead.





648054



648054

FFFFFF



4C673D



98B586



344F26



B3D1A0



1D3811



CEEDBB



082200



EBFFD7



000300



FFFFFF4



000000



648054



648054



5C8047



6C8061



54803A



74806E

 4C802E

 7C807A

 438021

 858087

 3B8014

 8D8094

 338007

 9580A1

 2F8000

 9D80AE

 A580BA

 AD80C7

# Harmonies

## Analogous

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



7E7A49



648054



478469

# Triad

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



648054



3E7EA5



A7666F

# Complementary

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



648054



705480

# 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.



9E6887



648054



6677A6

# Square

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



648054



1D8397



876E9B



A36A59

# Rectangle

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



648054



328579



876E9B



A56677



# Sweetspot

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



648054



9BA695



807054



4E544A



D4D4D4



545454



# Same Dimension

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



648054



7BA662



54805A



3C4039



2E8000



000000



# Inverse Universe

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



705480



8D62A6



80547A



3D3940



510080



000000



# Previews

## White Background



This preview shows how the Hex color 648054 looks on a white background.

## Color Contrast Check

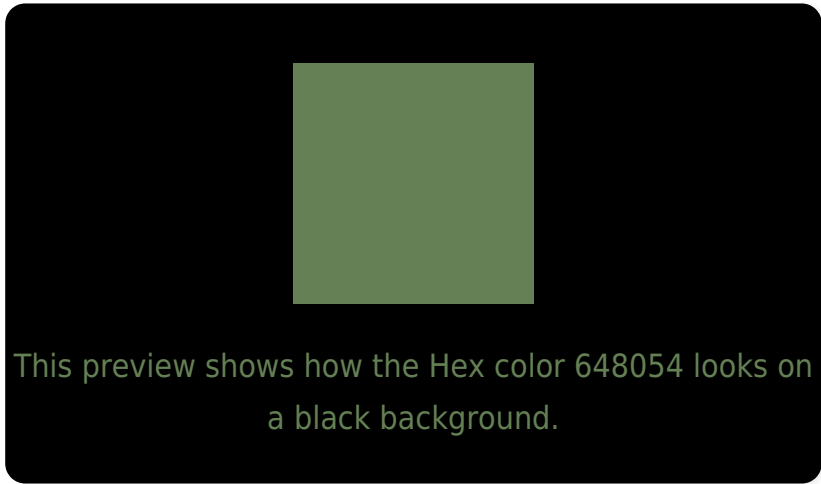
Large Text (above 18pt) WCAG AA ✓ Pass

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

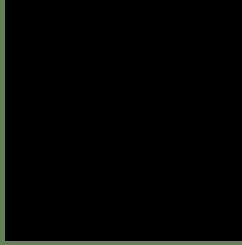
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 648054 Background



This preview shows how black text looks on a background with the Hex color 648054.

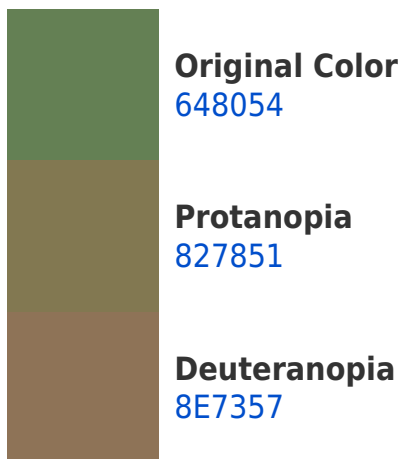


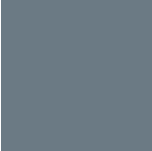
This preview shows how white text looks on a background with the Hex color 648054.

# 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



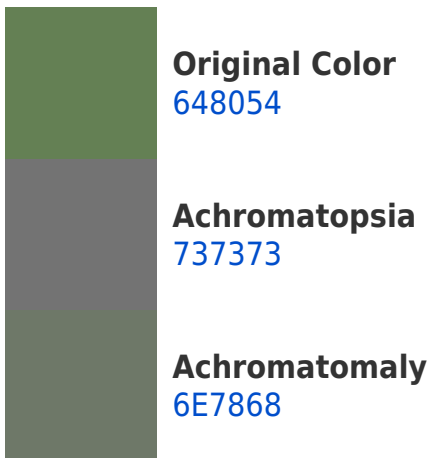


**Tritanopia**  
6B7A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 648054 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 #648054 looks like.

```
.text, #text, p{  
    color:#648054  
}
```

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 #648054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648054
}
```

## Border

The CSS property to change the border of an element to Hex 648054 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".

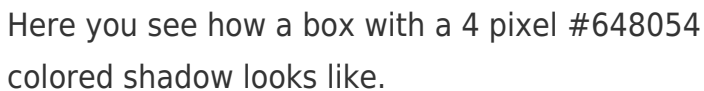
```
.border, #border, table{ border:4px solid
#648054 }
```

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

```
.border{ border-color:#648054 }
```

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

Here you see how a box with a 4 pixel #648054 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648054; -webkit-box-shadow:4px 4px  
4px 4px #648054; box-shadow:4px 4px 4px  
4px #648054 }
```

# Background

The CSS property to change the background color of an element to Hex 648054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648054 }
```

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

```
.background{ background-color:#648054 }
```

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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