

# Converting Colors

Hex(644849)

Have a look what the booklet for  
Hex(644849) contains.

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# Color

**Hex(644849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	644849
RGB	100, 72, 73
RGB Percent	39%, 28%, 29%
CMY	0.6078, 0.7176, 0.7137
CMYK	0.00, 0.28, 0.27, 0.61
HSL	358°, 16%, 34%
HSV	358°, 28%, 39%
XYZ	8.7755, 7.8251, 7.3512
YIQ	80.4860, 16.3670, 6.2470

# Conversions

## Conversions Part 2

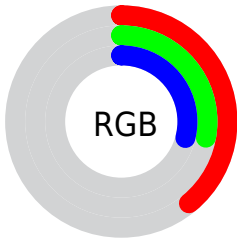
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 72, 73
Decimal	6572105
CIE <sub>Lab</sub>	33.62, 12.12, 4.11
CIE <sub>LCh</sub>	34, 12.800, 18.711
Yxy	7.8251, 0.3664, 0.3267
Android (android.graphics.Color)	4284762185 (0xFF644849)
YUV	80.4860, -3.6906, 17.1138
Hunter-Lab	27.9734, 7.0436, 4.0004




# Details

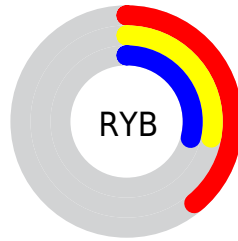
The Hex color **644849** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **486463**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **987979**, and **341C1E** is the 20% darker color. If you saturate the color by 10%, you get **643E3F**, and if you desaturate by 10%, it is **645253**.

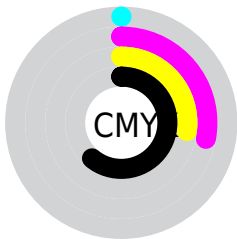
# Distribution







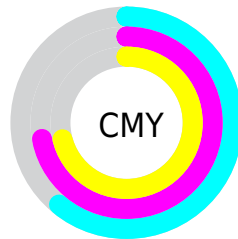
-  Red (39%)
-  Green (28%)
-  Blue (29%)






-  Red (39%)
-  Yellow (28%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (27%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (72%)
-  Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 644849 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 644849 by changing the saturation by 10% instead.



644849

644849

FFFFFF

4C3133

987979

341C1E

B29293

210304

CEADAE

000000

EBC8C9

FFE5E5

644849

644849

643E3F

645253

643436

645C5C

■ 642A2C

■ 646666

■ 642022

■ 647070

■ 641619

■ 647A79

■ 640C0F

■ 648483

■ 640205

■ 648E8D

■ 640004

■ 649896

■ 64A2A0

# Harmonies

## Analogous

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



614853



644849



614A40

# Triad

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



644849



445341



3E5163

# Complementary

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



644849



486463

# 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.



34545E



644849



3A554B

# Square

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



644849



50503C



335555



4C4E62

# Rectangle

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



644849



5D4C3C



335555



3A5262



# Sweetspot

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



644849



827878



634864



423C3C



C2C2C2



424242



# Same Dimension

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



644849



825657



645548



332E2E



730004



F20009



# Inverse Universe

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



644849



825657



485764



332E2E



730004

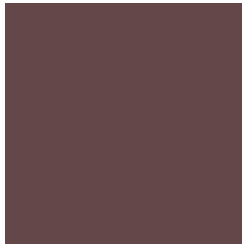


F20009



# Previews

## White Background



This preview shows how the Hex color 644849 looks on a white background.

## Color Contrast Check

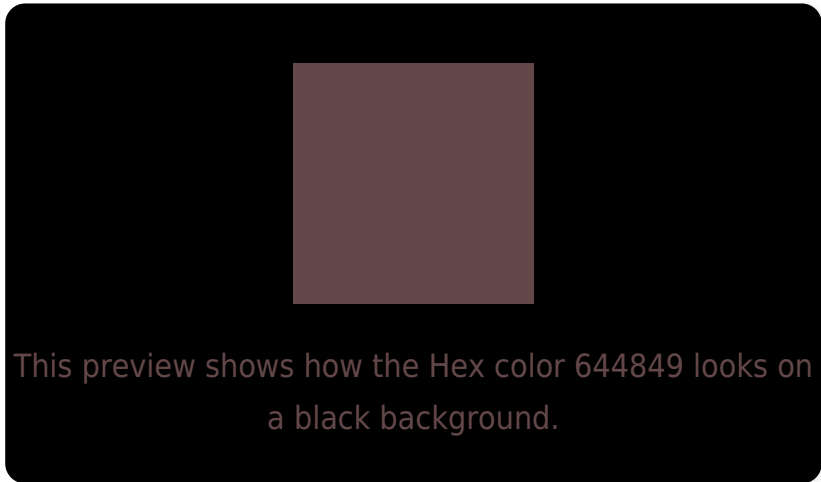
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

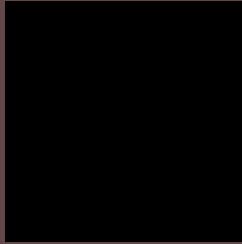
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 644849 Background



This preview shows how black text looks on a background with the Hex color 644849.

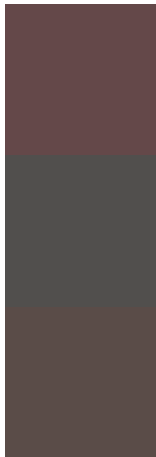


This preview shows how white text looks on a background with the Hex color 644849.

# 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



**Original Color**  
644849

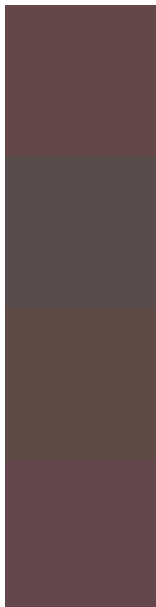
**Protanopia**  
514F4D

**Deuteranopia**  
5A4C48



**Tritanopia**  
64474D

# Trichromacy



**Original Color**

644849

**Protanomaly**

584C4C

**Deuteranomaly**

5E4B48

**Tritanomaly**

64474C

# Monochromacy



**Original Color**

644849

**Achromatopsia**

505050

**Achromatomaly**

574D4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 644849 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 #644849 looks like.

```
.text, #text, p{  
    color:#644849  
}
```

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 #644849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644849
}
```

## Border

The CSS property to change the border of an element to Hex 644849 is called "border". The border property can be set on classes, ids or directly on the HTML element.

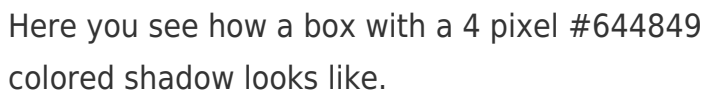
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644849 }
```

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

```
.border{ border-color:#644849 }
```

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



Here you see how a box with a 4 pixel #644849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644849; -webkit-box-shadow:4px 4px  
4px 4px #644849; box-shadow:4px 4px 4px  
4px #644849 }
```

# Background

The CSS property to change the background color of an element to Hex 644849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644849 }
```

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

```
.background{ background-color:#644849 }
```

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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