

# Converting Colors

Hex(644852)

Have a look what the booklet for  
Hex(644852) contains.

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# Color

**Hex(644852)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 644852                   |
| RGB           | 100, 72, 82              |
| RGB Percent   | 39%, 28%, 32%            |
| CMY           | 0.6078, 0.7176, 0.6784   |
| CMYK          | 0.00, 0.28, 0.18, 0.61   |
| HSL           | 339°, 16%, 34%           |
| HSV           | 339°, 28%, 39%           |
| XYZ           | 9.0959, 7.9533, 9.0384   |
| YIQ           | 81.5120, 13.4780, 9.0460 |

# Conversions

## Conversions Part 2

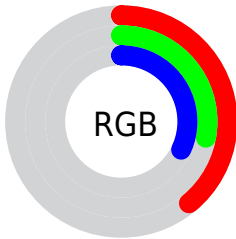
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 100, 72, 82                 |
| Decimal                             | 6572114                     |
| CIE Lab                             | 33.89, 13.68, -1.24         |
| CIE LCh                             | 34, 13.736, 354.839         |
| Yxy                                 | 7.9533, 0.3487,<br>0.3049   |
| Android<br>(android.graphics.Color) | 4284762194<br>(0xFF644852)  |
| YUV                                 | 81.5120, 0.2406,<br>16.2140 |
| Hunter-Lab                          | 28.2015, 8.2193,<br>0.7391  |

# Details

The Hex color **644852** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **48645A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **977983**, and **351C25** is the 20% darker color. If you saturate the color by 10%, you get **643E4C**, and if you desaturate by 10%, it is **645258**.

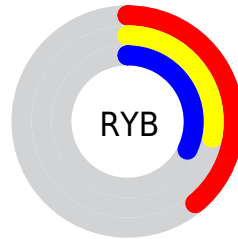
# Distribution



Red (39%)

Green (28%)

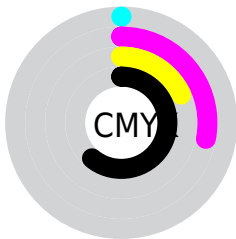
Blue (32%)



Red (39%)

Yellow (28%)

Blue (32%)

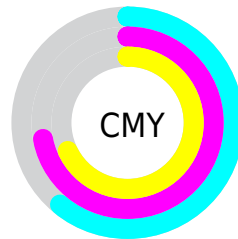


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (61%)



Cyan (61%)

Magenta (72%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 644852 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 644852 by changing the saturation by 10% instead.



644852

644852

FFFFFF

4C313B

977983

351C25

B2939D

200411

CEADB8

000000

EAC9D4

FFE5F0

644852

644852

643E4C

645258

643445

645C5F

642A3F

646665

642038

64706C

641632

647A72

640C2B

648479

640225

648E7F

640024

649885

64A28C

# Harmonies

## Analogous

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



5C4A5C



644852



664847

# Triad

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



644852



4E523C



345461

# Complementary

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



644852



48645A

# 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.



305658



644852



425443

# Square

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



644852



5A4E3A



36564D



405165

# Rectangle

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



644852



644A41



36564D



32555F



# Sweetspot

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



644852



82787B



5A4864



423C3E



C2C2C2



424242



# Same Dimension

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



644852



825666



644C48



332E30



730029



F20057



# Inverse Universe

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



644852



825666



486064



332E30



730029

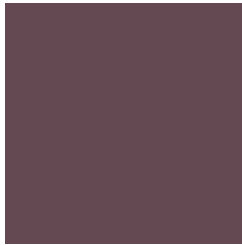


F20057



# Previews

## White Background



This preview shows how the Hex color 644852 looks on a white background.

## Color Contrast Check

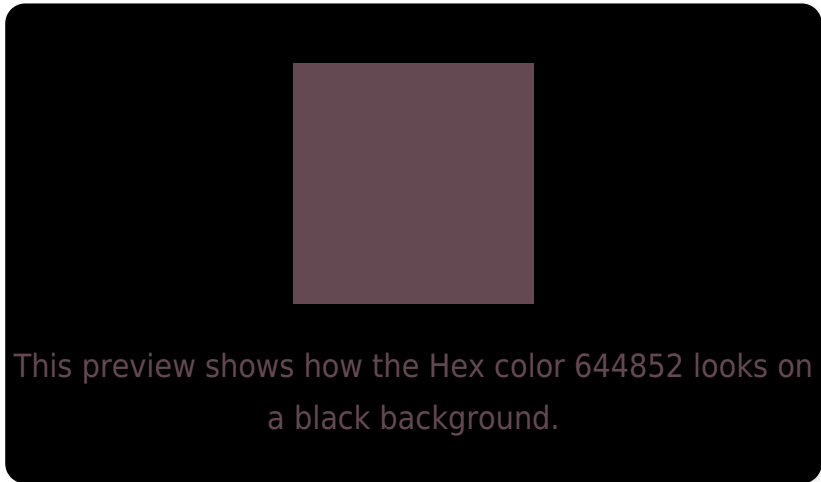
Large Text (above 18pt) WCAG AA ✓ Pass

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

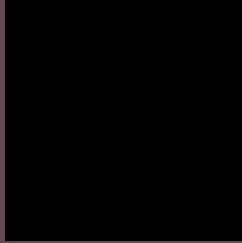
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 644852 Background



This preview shows how black text looks on a background with the Hex color 644852.



This preview shows how white text looks on a background with the Hex color 644852.

# 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**  
644852

**Protanopia**  
4F4F56

**Deuteranopia**  
574D51



**Tritanopia**  
64494E

# Trichromacy



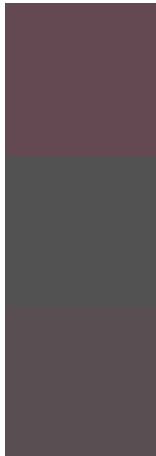
**Original Color**  
644852

**Protanomaly**  
574C55

**Deuteranomaly**  
5C4B51

**Tritanomaly**  
64494F

# Monochromacy



**Original Color**  
644852

**Achromatopsia**  
525252

**Achromatomaly**  
594E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 644852 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 #644852 looks like.

```
.text, #text, p{  
    color:#644852  
}
```

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 #644852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644852
}
```

## Border

The CSS property to change the border of an element to Hex 644852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

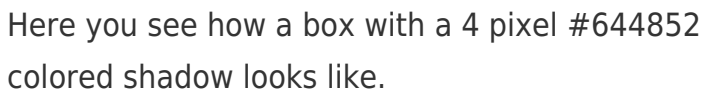
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644852 }
```

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

```
.border{ border-color:#644852 }
```

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



Here you see how a box with a 4 pixel #644852 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644852; -webkit-box-shadow:4px 4px  
4px 4px #644852; box-shadow:4px 4px 4px  
4px #644852 }
```

# Background

The CSS property to change the background color of an element to Hex 644852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644852 }
```

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

```
.background{ background-color:#644852 }
```

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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