

# Converting Colors

Hex(645744)

Have a look what the booklet for  
Hex(645744) contains.

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# Color

**Hex(645744)**

# Conversions

## Conversions Part 1

Format	Color
Hex	645744
RGB	100, 87, 68
RGB Percent	39%, 34%, 27%
CMY	0.6078, 0.6588, 0.7333
CMYK	0.00, 0.13, 0.32, 0.61
HSL	36°, 19%, 33%
HSV	36°, 32%, 39%
XYZ	9.7071, 9.9431, 6.8764
YIQ	88.7210, 13.8470, -3.1530

# Conversions

## Conversions Part 2

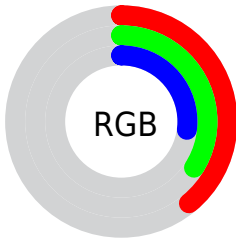
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 100, 68
Decimal	6575940
CIELab	37.74, 2.08, 13.01
CIELCh	38, 13.174, 80.928
Yxy	9.9431, 0.3659, 0.3748
Android (android.graphics.Color)	4284766020 (0xFF645744)
YUV	88.7210, -10.2155, 9.8917
Hunter-Lab	31.5326, -0.2321, 9.1433

# Details

The Hex color **645744** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **445164**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **978974**, and **352A19** is the 20% darker color. If you saturate the color by 10%, you get **64533A**, and if you desaturate by 10%, it is **645B4E**.

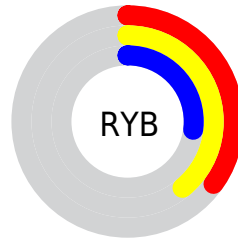
# Distribution



Red (39%)

Green (34%)

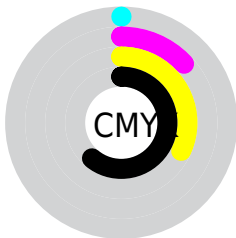
Blue (27%)



Red (35%)

Yellow (39%)

Blue (27%)

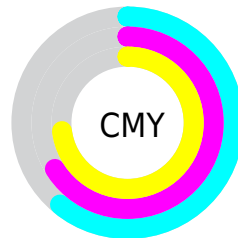


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (61%)



Cyan (61%)

Magenta (66%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 645744 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 645744 by changing the saturation by 10% instead.





645744



645744

FFFFFF



4C402E



978974



352A19



B2A38E



201500



CEBEA8



000000



EADAC3



FFF6DF

FFFFFFC



645744



645744



64533A



645B4E

■ 644F30

■ 645F58

■ 644B26

■ 646362

■ 64471C

■ 64676C

■ 644312

■ 646B76

■ 643F08

■ 646F80

■ 643B00

■ 64738A

■ 647894

■ 647C9E

# Harmonies

## Analogous

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



6C5449



645744



595A45

# Triad

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



645744



3C5F60



635466

# Complementary

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



645744



445164

# 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.



56576D



645744



3E5D69

# Square

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



645744



425F55



485B6E



6C525C

# Rectangle

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



645744



515C49



485B6E



5F5569



# Sweetspot

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



645744



827D75



644451



423F3A



C2C2C2



424242



# Same Dimension

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



645744



826E51



616444



33312E



734400



F29000



# Inverse Universe

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



445164



516582



474464



2E3033



002F73

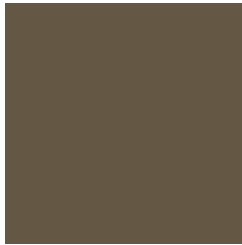


0062F2



# Previews

## White Background



This preview shows how the Hex color 645744 looks on a white background.

## Color Contrast Check

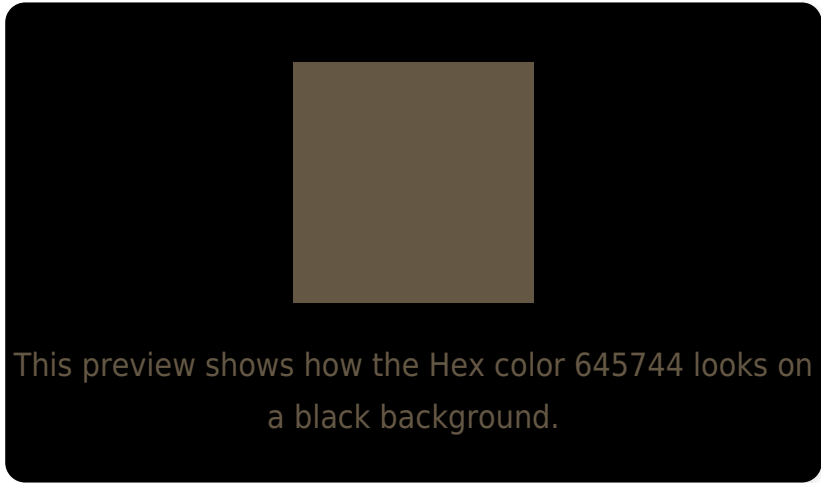
Large Text (above 18pt) WCAG AA ✓ Pass

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

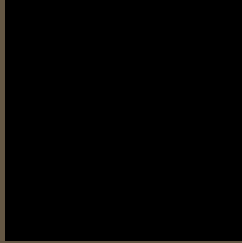
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 645744 Background



This preview shows how black text looks on a background with the Hex color 645744.

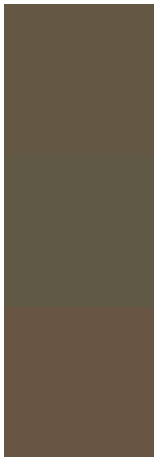


This preview shows how white text looks on a background with the Hex color 645744.

# 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**  
645744

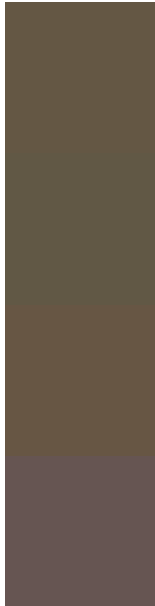
**Protanopia**  
5F5945

**Deuteranopia**  
685544



**Tritanopia**  
67545A

# Trichromacy



**Original Color**

645744

**Protanomaly**

615845

**Deuteranomaly**

675644

**Tritanomaly**

665552

# Monochromacy



**Original Color**

645744

**Achromatopsia**

595959

**Achromatomaly**

5D5851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 645744 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 #645744 looks like.

```
.text, #text, p{  
    color:#645744  
}
```

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 #645744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645744
}
```

## Border

The CSS property to change the border of an element to Hex 645744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

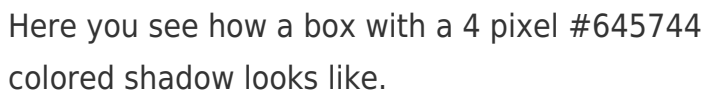
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645744 }
```

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

```
.border{ border-color:#645744 }
```

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



Here you see how a box with a 4 pixel #645744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645744; -webkit-box-shadow:4px 4px  
4px 4px #645744; box-shadow:4px 4px 4px  
4px #645744 }
```

# Background

The CSS property to change the background color of an element to Hex 645744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645744 }
```

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

```
.background{ background-color:#645744 }
```

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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