

# Converting Colors

Hex(665444)

Have a look what the booklet for  
Hex(665444) contains.

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# Color

**Hex(665444)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	665444
RGB	102, 84, 68
RGB Percent	40%, 33%, 27%
CMY	0.6000, 0.6706, 0.7333
CMYK	0.00, 0.18, 0.33, 0.60
HSL	28°, 20%, 33%
HSV	28°, 33%, 40%
XYZ	9.6932, 9.5828, 6.8076
YIQ	87.5580, 15.8640, -1.1600

# Conversions

## Conversions Part 2

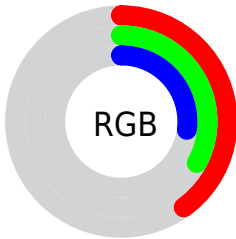
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 98, 68
Decimal	6706244
CIE <sub>Lab</sub>	37.08, 4.80, 12.14
CIE <sub>LCh</sub>	37, 13.056, 68.441
Yxy	9.5828, 0.3716, 0.3674
Android (android.graphics.Color)	4284896324 (0xFF665444)
YUV	87.5580, -9.6421, 12.6656
Hunter-Lab	30.9561, 1.7202, 8.6307

# Details

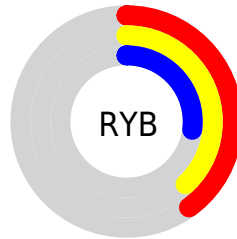
The Hex color **665444** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **445666**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9A8574**, and **362719** is the 20% darker color. If you saturate the color by 10%, you get **664F3A**, and if you desaturate by 10%, it is **66594E**.

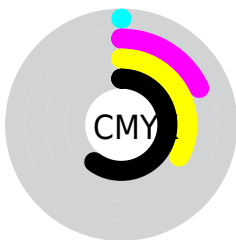
# Distribution



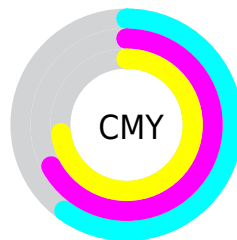
- Red (40%)
- Green (33%)
- Blue (27%)



- Red (40%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 665444 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 665444 by changing the saturation by 10% instead.





665444



665444

FFFFFF



4E3D2E



9A8574



362719



B5A08E



221300



D0BBA8



000000



EDD6C3



FFF3DF

FFFFFFC



665444



665444



664F3A



66594E

■ 664930

■ 665F58

■ 664425

■ 666463

■ 663E1B

■ 666A6D

■ 663911

■ 666F77

■ 663407

■ 667481

■ 663000

■ 667A8B

■ 667F96

■ 6685A0

# Harmonies

## Analogous

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



6C514B



665444



5C5842

# Triad

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



665444



3C5D5A



5D5468

# Complementary

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



665444



445666

# 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.



4F576C



665444



3A5D64

# Square

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



665444



455D4F



425A6A



67515F

# Rectangle

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



665444



545A45



425A6A



58556A



# Sweetspot

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



665444



857E77



664456



423E3A



C2C2C2



424242



# Same Dimension

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



665444



856950



666544



33302E



733600



F27200



# Inverse Universe

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



445666



506C85



444566



2E3133



003D73



0080F2



# Previews

## White Background



This preview shows how the Hex color 665444 looks on a white background.

## Color Contrast Check

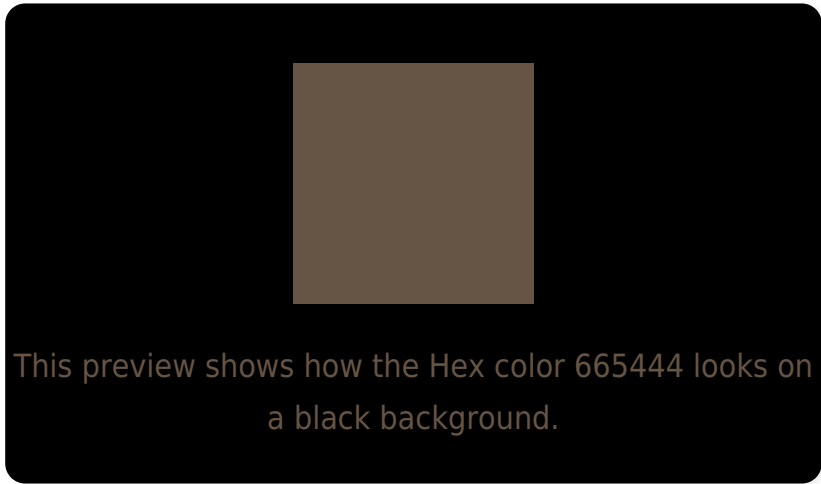
Large Text (above 18pt) WCAG AA ✓ Pass

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

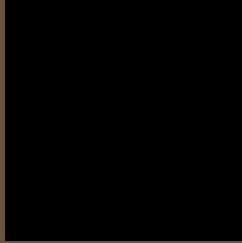
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 665444 Background



This preview shows how black text looks on a background with the Hex color 665444.

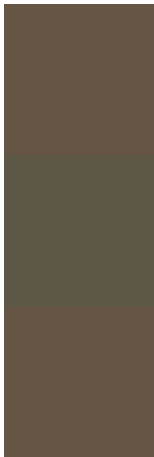


This preview shows how white text looks on a background with the Hex color 665444.

# 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**  
665444

**Protanopia**  
5D5745

**Deuteranopia**  
665444



**Tritanopia**  
685158

# Trichromacy



**Original Color**  
665444

**Protanomaly**  
605645

**Deuteranomaly**  
665444

**Tritanomaly**  
675251

# Monochromacy



**Original Color**  
665444

**Achromatopsia**  
585858

**Achromatomaly**  
5D5751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 665444 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 #665444 looks like.

```
.text, #text, p{  
    color:#665444  
}
```

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 #665444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665444  
}
```

## Border

The CSS property to change the border of an element to Hex 665444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

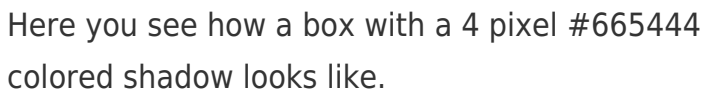
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#665444 }
```

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

```
.border{ border-color:#665444 }
```

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



Here you see how a box with a 4 pixel #665444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665444; -webkit-box-shadow:4px 4px  
4px 4px #665444; box-shadow:4px 4px 4px  
4px #665444 }
```

# Background

The CSS property to change the background color of an element to Hex 665444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665444 }
```

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

```
.background{ background-color:#665444 }
```

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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