

# Converting Colors

Hex(655244)

Have a look what the booklet for  
Hex(655244) contains.

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# Color

**Hex(655244)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	655244
RGB	101, 82, 68
RGB Percent	40%, 32%, 27%
CMY	0.6039, 0.6784, 0.7333
CMYK	0.00, 0.19, 0.33, 0.60
HSL	25°, 20%, 33%
HSV	25°, 33%, 40%
XYZ	9.4275, 9.2186, 6.7513
YIQ	86.0850, 15.8180, -0.3260

# Conversions

## Conversions Part 2

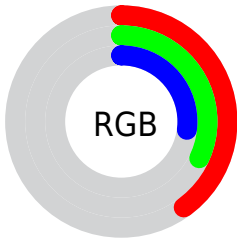
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 92, 68
Decimal	6640196
CIE Lab	36.40, 5.58, 11.19
CIE LCh	36, 12.502, 63.495
Yxy	9.2186, 0.3712, 0.3630
Android (android.graphics.Color)	4284830276 (0xFF655244)
YUV	86.0850, -8.9159, 13.0805
Hunter-Lab	30.3622, 2.2906, 8.0698




# Details

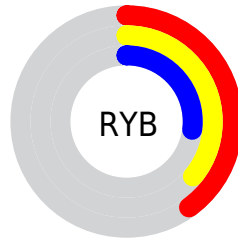
The Hex color **655244** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **445765**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **998374**, and **352519** is the 20% darker color. If you saturate the color by 10%, you get **654C3A**, and if you desaturate by 10%, it is **65584E**.

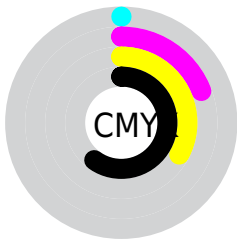
# Distribution







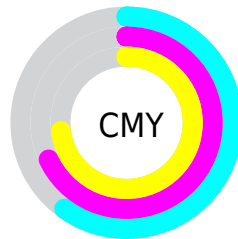
-  Red (40%)
-  Green (32%)
-  Blue (27%)






-  Red (40%)
-  Yellow (36%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (19%)
-  Yellow (33%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (68%)
-  Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 655244 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 655244 by changing the saturation by 10% instead.





655244



655244

FFFFFF



4D3B2E



998374



352519



B49D8E



211100



CFB8A8



000000



ECD4C3



FFF0DF

FFFFFC



655244



655244



654C3A



65584E

■ 654630

■ 655E58

■ 654126

■ 656362

■ 653B1C

■ 65696C

■ 653512

■ 656F77

■ 652F07

■ 657581

■ 652B00

■ 657B8B

■ 658195

■ 65869F

# Harmonies

## Analogous

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



6A4F4B



655244



5C5542

# Triad

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



655244



3D5B56



595366

# Complementary

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



655244



445765

# 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.



4C5669



655244



3A5B60

# Square

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



655244



465B4C



405967



64505F

# Rectangle

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



655244



555743



405967



555468



# Sweetspot

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



655244



827B75



654457



423E3A



C2C2C2



424242



# Same Dimension

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



655244



82654F



656244



33302E



733100



F26700



# Inverse Universe

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



445765



4F6D82



444765



2E3133



004273

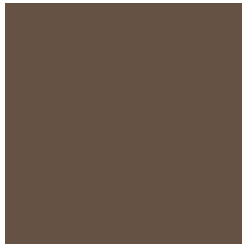


008BF2



# Previews

## White Background



This preview shows how the Hex color 655244 looks on a white background.

## Color Contrast Check

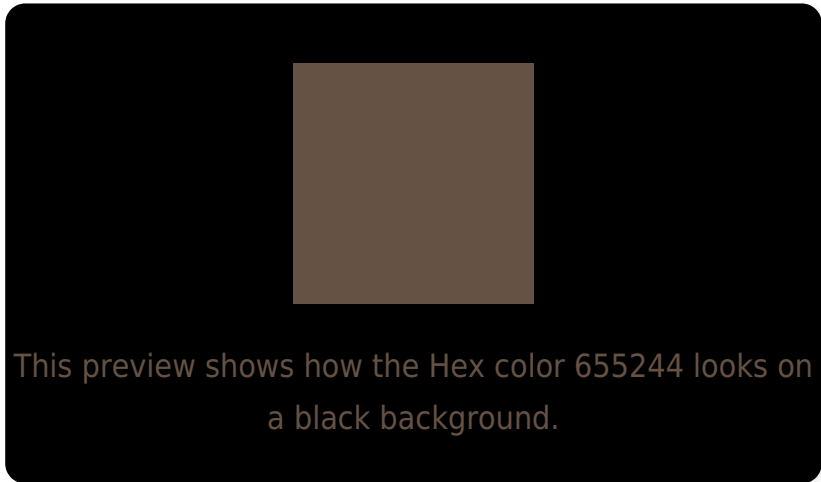
Large Text (above 18pt) WCAG AA ✓ Pass

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

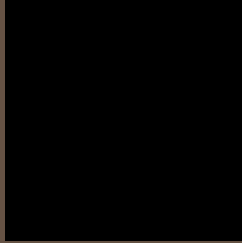
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 655244 Background



This preview shows how black text looks on a background with the Hex color 655244.

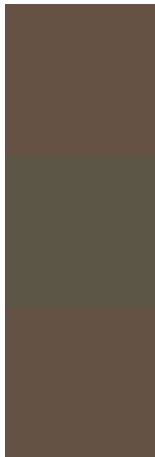


This preview shows how white text looks on a background with the Hex color 655244.

# 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**  
655244

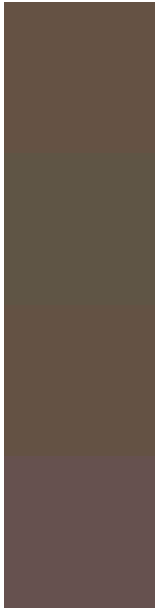
**Protanopia**  
5B5646

**Deuteranopia**  
645244



**Tritanopia**  
675056

# Trichromacy



**Original Color**  
65244

**Protanomaly**  
5F5545

**Deuteranomaly**  
645244

**Tritanomaly**  
66514F

# Monochromacy



**Original Color**  
65244

**Achromatopsia**  
565656

**Achromatomaly**  
5B554F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 655244 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 #655244 looks like.

```
.text, #text, p{  
    color:#655244  
}
```

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 #655244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #655244
}
```

## Border

The CSS property to change the border of an element to Hex 655244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

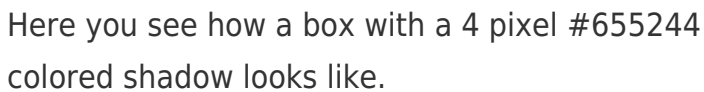
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#655244 }
```

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

```
.border{ border-color:#655244 }
```

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



Here you see how a box with a 4 pixel #655244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #655244; -webkit-box-shadow:4px 4px  
4px 4px #655244; box-shadow:4px 4px 4px  
4px #655244 }
```

# Background

The CSS property to change the background color of an element to Hex 655244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#655244 }
```

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

```
.background{ background-color:#655244 }
```

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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