

# Converting Colors

Hex(654E2C)

Have a look what the booklet for  
Hex(654E2C) contains.

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# Color

Hex(654E2C)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 654E2C                    |
| RGB           | 101, 78, 44               |
| RGB Percent   | 40%, 31%, 17%             |
| CMY           | 0.6039, 0.6941, 0.8275    |
| CMYK          | 0.00, 0.23, 0.56, 0.60    |
| HSL           | 36°, 39%, 28%             |
| HSV           | 36°, 56%, 40%             |
| XYZ           | 8.5458, 8.3973, 3.5533    |
| YIQ           | 81.0010, 24.6220, -5.6980 |

# Conversions

## Conversions Part 2

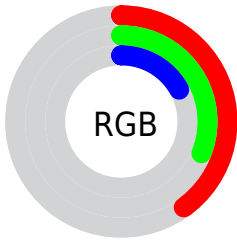
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 83, 101, 44                   |
| Decimal                             | 6639148                       |
| CIE <sub>Lab</sub>                  | 34.80, 5.04, 23.67            |
| CIE <sub>LCh</sub>                  | 35, 24.200, 77.969            |
| Yxy                                 | 8.3973, 0.4169,<br>0.4097     |
| Android<br>(android.graphics.Color) | 4284829228<br>(0xFF654E2C)    |
| YUV                                 | 81.0010, -18.2415,<br>17.5391 |
| Hunter-Lab                          | 28.9781, 1.9290,<br>13.0146   |

# Details

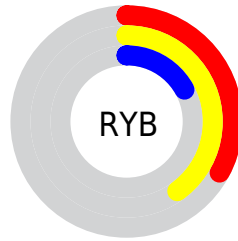
The Hex color **654E2C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2C4365**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9A7F5A**, and **352200** is the 20% darker color. If you saturate the color by 10%, you get **654A22**, and if you desaturate by 10%, it is **655236**.

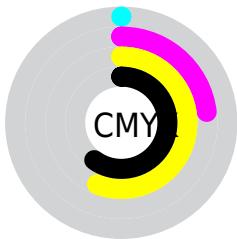
# Distribution



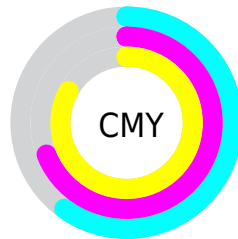
- Red (40%)
- Green (31%)
- Blue (17%)



- Red (33%)
- Yellow (40%)
- Blue (17%)



- Cyan (0%)
- Magenta (23%)
- Yellow (56%)
- Black (60%)



- Cyan (60%)
- Magenta (69%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 654E2C 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 654E2C by changing the saturation by 10% instead.



 654E2C

 654E2C

FFFFFF

 4C3716

 9A7F5A

 352200

 B59973

 1D0D00

 D1B48D

 000000

 EECFA7

 FFEBC3

 FFFFDF

 FFFFFB

 654E2C

 654E2C

■ 654A22

■ 655236

■ 654618

■ 655640

■ 65420E

■ 655A4A

■ 653E04

■ 655E54

■ 653C00

■ 65625F

■ 656669

■ 656B73

■ 656F7D

■ 657387

# Harmonies

## Analogous

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



724736



654E2C



53542C

# Triad

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



654E2C



005C5D



62496C

# Complementary

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



654E2C



2C4365

# 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.



485076



654E2C



005A6E

# Square

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



654E2C



225C49



255677



72435A

# Rectangle

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



654E2C



445833



255677



5B4B70



# Sweetspot

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



654E2C



82796C



652C44



423D35



C2C2C2



424242



# Same Dimension

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



654E2C



825E2A



60652C



33312E



734400



F29100



# Inverse Universe

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



2C4365



2A4D82



312C65



2E3033



002E73



0062F2



# Previews

## White Background



This preview shows how the Hex color 654E2C looks on a white background.

## Color Contrast Check

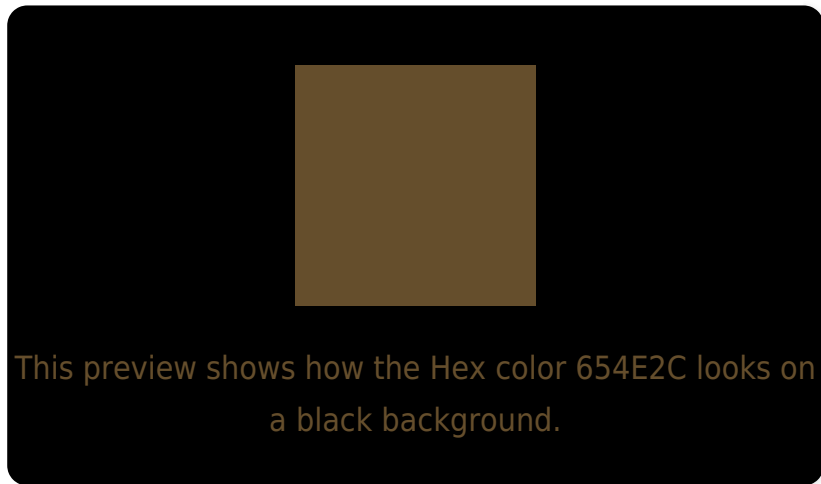
Large Text (above 18pt) WCAG AA ✓ Pass

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

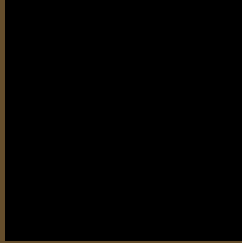
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 654E2C Background



This preview shows how black text looks on a background with the Hex color 654E2C.



This preview shows how white text looks on a background with the Hex color 654E2C.

# 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**  
654E2C

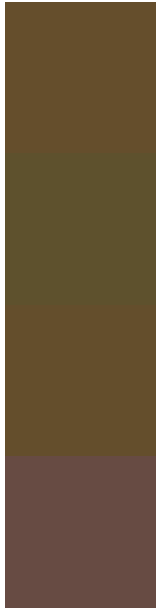
**Protanopia**  
5A522D

**Deuteranopia**  
644E2C



**Tritanopia**  
684A50

# Trichromacy



**Original Color**  
654E2C

**Protanomaly**  
5E512D

**Deuteranomaly**  
644E2C

**Tritanomaly**  
674B43

# Monochromacy



**Original Color**  
654E2C

**Achromatopsia**  
515151

**Achromatomaly**  
585044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 654E2C 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 #654E2C looks like.

```
.text, #text, p{  
    color:#654E2C  
}
```

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 #654E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #654E2C
}
```

## Border

The CSS property to change the border of an element to Hex 654E2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

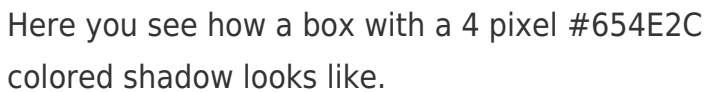
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#654E2C }
```

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

```
.border{ border-color:#654E2C }
```

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



Here you see how a box with a 4 pixel #654E2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #654E2C; -webkit-box-shadow:4px 4px  
4px 4px #654E2C; box-shadow:4px 4px 4px  
4px #654E2C }
```

# Background

The CSS property to change the background color of an element to Hex 654E2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#654E2C }
```

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

```
.background{ background-color:#654E2C }
```

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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