

# Converting Colors

Hex(655E22)

Have a look what the booklet for  
Hex(655E22) contains.

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**Color**

**Hex(655E22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	655E22
RGB	101, 94, 34
RGB Percent	40%, 37%, 13%
CMY	0.6039, 0.6314, 0.8667
CMYK	0.00, 0.07, 0.66, 0.60
HSL	54°, 50%, 26%
HSV	54°, 66%, 40%
XYZ	9.6583, 10.8876, 3.1058
YIQ	89.2530, 23.4320, -17.1760

# Conversions

## Conversions Part 2

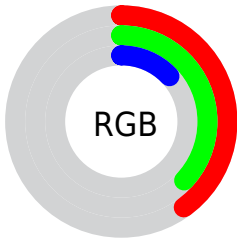
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 101, 34
Decimal	6643234
CIELab	39.39, -5.43, 34.39
CIELCh	39, 34.818, 98.971
Yxy	10.8876, 0.4084, 0.4603
Android (android.graphics.Color)	4284833314 (0xFF655E22)
YUV	89.2530, -27.2397, 10.3021
Hunter-Lab	32.9964, -5.4955, 17.5167

# Details

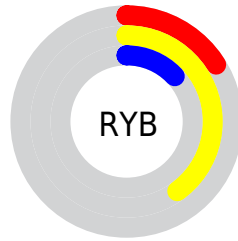
The Hex color **655E22** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **222965**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9A9052**, and **343000** is the 20% darker color. If you saturate the color by 10%, you get **655D18**, and if you desaturate by 10%, it is **655F2C**.

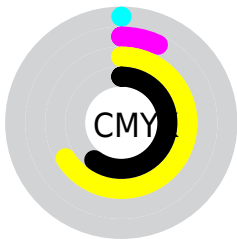
# Distribution



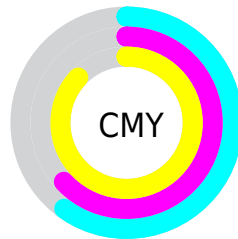
- Red (40%)
- Green (37%)
- Blue (13%)



- Red (16%)
- Yellow (40%)
- Blue (13%)



- Cyan (0%)
- Magenta (7%)
- Yellow (66%)
- Black (60%)



- Cyan (60%)
- Magenta (63%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 655E22 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 655E22 by changing the saturation by 10% instead.





655E22



655E22

FFFFFF



4C4709



9A9052



343000



B5AB6A



1C1C00



D2C684



000000



EEE29F



FFFEBA



FFFFD6



FFFFFF2



655E22



655E22

■ 655D18

■ 655F2C

■ 655C0E

■ 656036

■ 655B04

■ 656140

■ 655A00

■ 65624A

■ 656355

■ 65645F

■ 656569

■ 656673

■ 65677D

# Harmonies

## Analogous

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



7D5427



655E22



47652F

# Triad

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



655E22



006A80



864872

# Complementary

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



655E22



222965

# 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.



6A5289



655E22



006591

# Square

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



655E22



006B65



3A5D95



914455

# Rectangle

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



655E22



2C683E



3A5D95



7F4B7A



# Sweetspot

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



655E22



827F68



65222A



424132



C2C2C2



424242



# Same Dimension

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



655E22



82771A



4B6522



33322E



736700



F2D900



# Inverse Universe

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



222965



1A2582



3C2265



2E2E33



000C73



0019F2



# Previews

## White Background



This preview shows how the Hex color 655E22 looks on a white background.

## Color Contrast Check

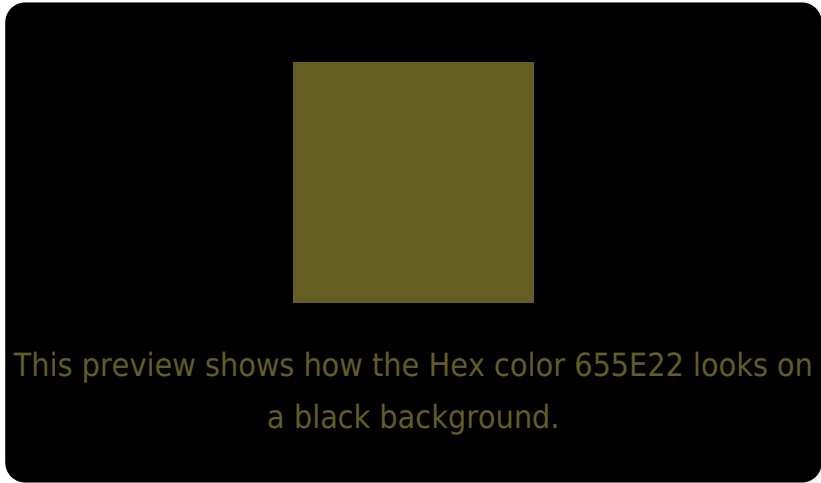
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

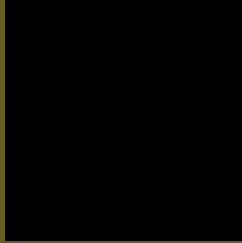
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 655E22 Background



This preview shows how black text looks on a background with the Hex color 655E22.



This preview shows how white text looks on a background with the Hex color 655E22.

# 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](#).

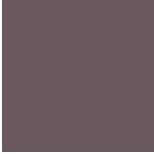
## Dichromacy



**Original Color**  
655E22

**Protanopia**  
685D22

**Deuteranopia**  
745824



**Tritanopia**  
6A585F

# Trichromacy



**Original Color**  
655E22

**Protanomaly**  
675D22

**Deuteranomaly**  
6F5A23

**Tritanomaly**  
685A49

# Monochromacy



**Original Color**  
655E22

**Achromatopsia**  
595959

**Achromatomaly**  
5D5B45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 655E22 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 #655E22 looks like.

```
.text, #text, p{  
    color:#655E22  
}
```

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 #655E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #655E22
}
```

## Border

The CSS property to change the border of an element to Hex 655E22 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
#655E22 }
```

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

```
.border{ border-color:#655E22 }
```

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

Here you see how a box with a 4 pixel #655E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #655E22; -webkit-box-shadow:4px 4px  
4px 4px #655E22; box-shadow:4px 4px 4px  
4px #655E22 }
```

# Background

The CSS property to change the background color of an element to Hex 655E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#655E22 }
```

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

```
.background{ background-color:#655E22 }
```

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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