

Converting Colors

Hex(645C3C)

Have a look what the booklet for
Hex(645C3C) contains.

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Color

Hex(645C3C)

Conversions

Conversions Part 1

Format	Color
Hex	645C3C
RGB	100, 92, 60
RGB Percent	39%, 36%, 24%
CMY	0.6078, 0.6392, 0.7647
CMYK	0.00, 0.08, 0.40, 0.61
HSL	48°, 25%, 31%
HSV	48°, 40%, 39%
XYZ	9.8983, 10.6899, 5.8166
YIQ	90.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

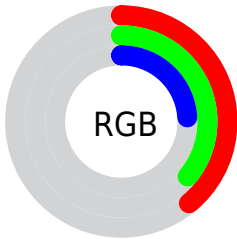
Format	Color
RYB	70, 100, 60
Decimal	6577212
CIELab	39.05, -2.06, 19.60
CIELCh	39, 19.703, 95.996
Yxy	10.6899, 0.3749, 0.4048
Android (android.graphics.Color)	4284767292 (0xFF645C3C)
YUV	90.7440, -15.1568, 8.1175
Hunter-Lab	32.6954, -3.1773, 12.3388

Details

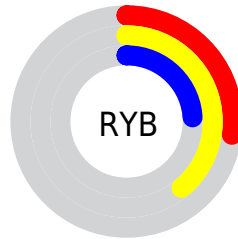
The Hex color **645C3C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C4464**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **988E6C**, and **342E11** is the 20% darker color. If you saturate the color by 10%, you get **645A32**, and if you desaturate by 10%, it is **645E46**.

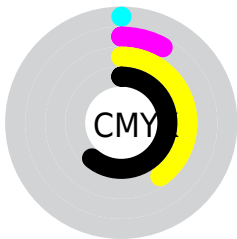
Distribution



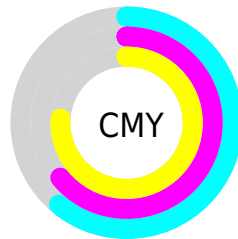
- Red (39%)
- Green (36%)
- Blue (24%)



- Red (27%)
- Yellow (39%)
- Blue (24%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645C3C 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 645C3C by changing the saturation by 10% instead.

■ 645C3C

■ 645C3C

FFFFFF

■ 4C4526

■ 988E6C

■ 342E11

■ B3A885

■ 1F1A00

■ CEC49F

■ 000000

■ EBE0BA

■ FFFCD6

■ FFFFF3

■ 645C3C

■ 645C3C

■ 645A32

■ 645E46

■ 645828

■ 646050

■ 64561E

■ 64625A

■ 645414

■ 646464

■ 64520A

■ 64666E

■ 645000

■ 646878

■ 646A82

■ 646C8C

■ 646E96

Harmonies

Analogous

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



72573F



645C3C



536142

Triad

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



645C3C



28646E



735269

Complementary

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



645C3C



3C4464

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.



625776



645C3C



356179

Square

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



645C3C



2F655F



4C5C7C



7B5059

Rectangle

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



645C3C



46634A



4C5C7C



6E536E

Sweetspot

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



645C3C



827F72



643C44



424039



C2C2C2



424242

Same Dimension

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



645C3C



827644



58643C



33322E



735C00



F2C200

Inverse Universe

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



3C4464



445082



483C64



2E2F33



001773



0030F2

Previews

White Background



This preview shows how the Hex color 645C3C looks on a white background.

Color Contrast Check

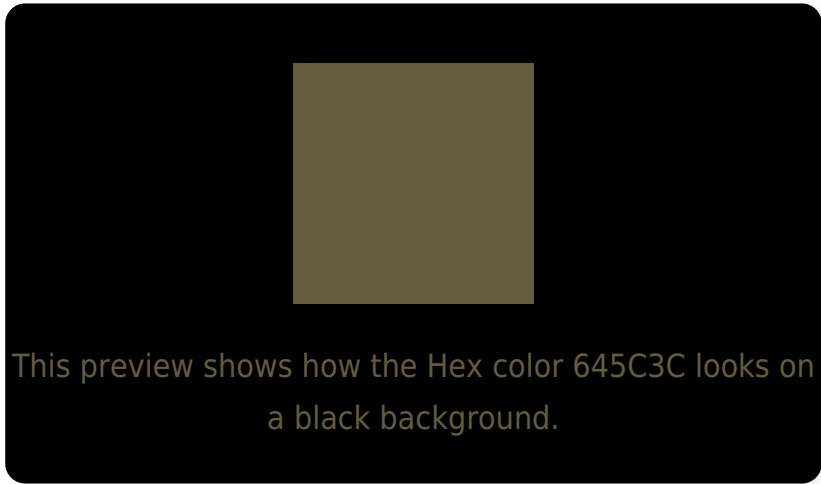
Large Text (above 18pt) WCAG AA ✓ Pass

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

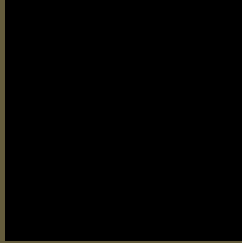
Any Text WCAG AA × Fail

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 645C3C Background



This preview shows how black text looks on a background with the Hex color 645C3C.

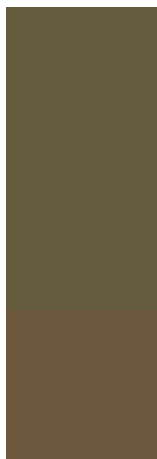


This preview shows how white text looks on a background with the Hex color 645C3C.

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


645C3C

Protanopia

645C3C

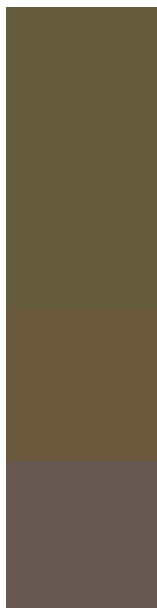
Deuteranopia

6E583D



Tritanopia
68585F

Trichromacy



Original Color
645C3C

Protanomaly
645C3C

Deuteranomaly
6A593D

Tritanomaly
675952

Monochromacy



Original Color
645C3C

Achromatopsia
5B5B5B

Achromatomaly
5E5B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 645C3C 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 #645C3C looks like.

```
.text, #text, p{  
    color:#645C3C  
}
```

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 #645C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645C3C
}
```

Border

The CSS property to change the border of an element to Hex 645C3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

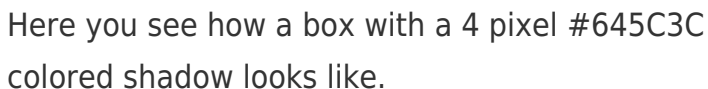
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645C3C }
```

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

```
.border{ border-color:#645C3C }
```

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



Here you see how a box with a 4 pixel #645C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645C3C; -webkit-box-shadow:4px 4px  
4px 4px #645C3C; box-shadow:4px 4px 4px  
4px #645C3C }
```

Background

The CSS property to change the background color of an element to Hex 645C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645C3C }
```

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

```
.background{ background-color:#645C3C }
```

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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