

Converting Colors

Hex(645E2E)

Have a look what the booklet for
Hex(645E2E) contains.

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Color

Hex(645E2E)

Conversions

Conversions Part 1

Format	Color
Hex	645E2E
RGB	100, 94, 46
RGB Percent	39%, 37%, 18%
CMY	0.6078, 0.6314, 0.8196
CMYK	0.00, 0.06, 0.54, 0.61
HSL	53°, 37%, 29%
HSV	53°, 54%, 39%
XYZ	9.7514, 10.9120, 4.1770
YIQ	90.3220, 18.9840, -13.6560

Conversions

Conversions Part 2

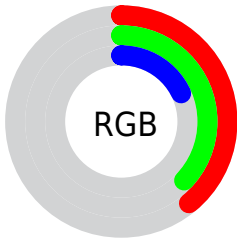
Format	Color
RYB	53, 100, 46
Decimal	6577710
CIELab	39.43, -4.86, 28.12
CIELCh	39, 28.536, 99.806
Yxy	10.9120, 0.3926, 0.4393
Android (android.graphics.Color)	4284767790 (0xFF645E2E)
YUV	90.3220, -21.8507, 8.4876
Hunter-Lab	33.0333, -5.1154, 15.6261

Details

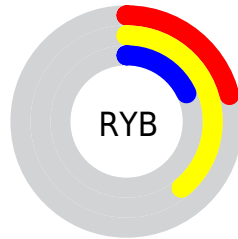
The Hex color **645E2E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2E3464**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **98905D**, and **343000** is the 20% darker color. If you saturate the color by 10%, you get **645D24**, and if you desaturate by 10%, it is **645F38**.

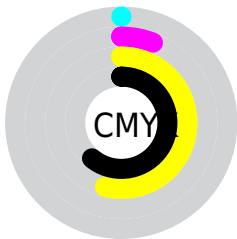
Distribution



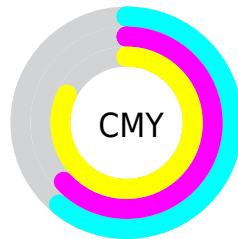
- Red (39%)
- Green (37%)
- Blue (18%)



- Red (21%)
- Yellow (39%)
- Blue (18%)



- Cyan (0%)
- Magenta (6%)
- Yellow (54%)
- Black (61%)



- Cyan (61%)
- Magenta (63%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645E2E 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 645E2E by changing the saturation by 10% instead.



645E2E



645E2E

FFFFFF



4B4618



98905D



343000



B3AB76



1D1C00



CFC690



000000



ECE2AB



FFFE06



FFFFE3



645E2E



645E2E



645D24



645F38

■ 645C1A

■ 646042

■ 645B10

■ 64614C

■ 645A06

■ 646256

■ 645900

■ 646460

■ 64656A

■ 646674

■ 64677E

■ 646888

Harmonies

Analogous

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



795631



645E2E



4B6438

Triad

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



645E2E



00687A



804C6D

Complementary

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



645E2E



2E3464

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.



695481



645E2E



0D6488

Square

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



645E2E



006964



465D8A



894A56

Rectangle

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



645E2E



376745



465D8A



7A4F75

Sweetspot

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



645E2E



82806D



642E34



424136



C2C2C2



424242

Same Dimension

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



645E2E



82792E



4F642E



33322E



736600



F2D700

Inverse Universe

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



2E3464



2E3782



432E64



2E2E33



000D73



001BF2

Previews

White Background



This preview shows how the Hex color 645E2E looks on a white background.

Color Contrast Check

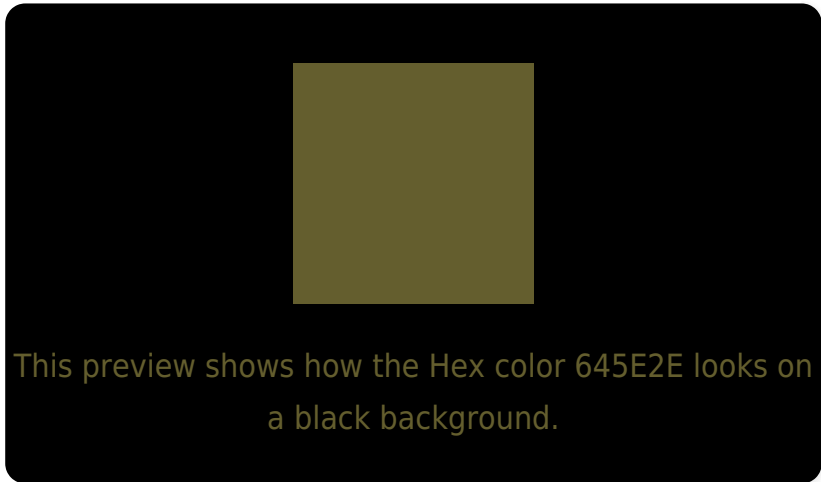
Large Text (above 18pt) WCAG AA ✓ Pass

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

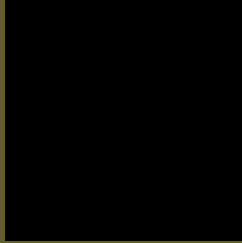
Any Text WCAG AA × Fail

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 645E2E Background



This preview shows how black text looks on a background with the Hex color 645E2E.



This preview shows how white text looks on a background with the Hex color 645E2E.

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
645E2E

Protanopia
675D2E

Deuteranopia
72592F



Tritanopia
69595F

Trichromacy



Original Color
645E2E

Protanomaly
665D2E

Deuteranomaly
6D5B2F

Tritanomaly
675B4D

Monochromacy



Original Color
645E2E

Achromatopsia
5A5A5A

Achromatomaly
5E5B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 645E2E 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 #645E2E looks like.

```
.text, #text, p{  
    color:#645E2E  
}
```

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 #645E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645E2E
}
```

Border

The CSS property to change the border of an element to Hex 645E2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

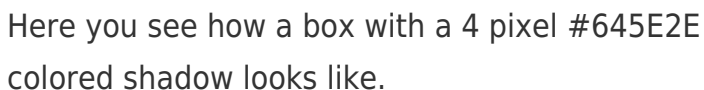
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645E2E }
```

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

```
.border{ border-color:#645E2E }
```

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



Here you see how a box with a 4 pixel #645E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645E2E; -webkit-box-shadow:4px 4px  
4px 4px #645E2E; box-shadow:4px 4px 4px  
4px #645E2E }
```

Background

The CSS property to change the background color of an element to Hex 645E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645E2E }
```

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

```
.background{ background-color:#645E2E }
```

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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