

Converting Colors

Hex(645D2E)

Have a look what the booklet for
Hex(645D2E) contains.

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Color

Hex(645D2E)

Conversions

Conversions Part 1

Format	Color
Hex	645D2E
RGB	100, 93, 46
RGB Percent	39%, 36%, 18%
CMY	0.6078, 0.6353, 0.8196
CMYK	0.00, 0.07, 0.54, 0.61
HSL	52°, 37%, 29%
HSV	52°, 54%, 39%
XYZ	9.6630, 10.7353, 4.1476
YIQ	89.7350, 19.2590, -13.1330

Conversions

Conversions Part 2

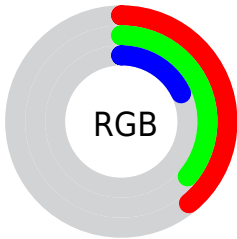
Format	Color
RYB	54, 100, 46
Decimal	6577454
CIELab	39.13, -4.27, 27.76
CIELCh	39, 28.087, 98.750
Yxy	10.7353, 0.3937, 0.4374
Android (android.graphics.Color)	4284767534 (0xFF645D2E)
YUV	89.7350, -21.5614, 9.0024
Hunter-Lab	32.7647, -4.6948, 15.4300

Details

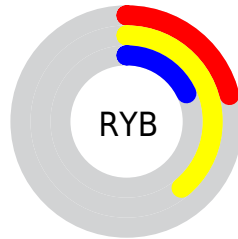
The Hex color **645D2E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2E3564**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **988F5D**, and **342F00** is the 20% darker color. If you saturate the color by 10%, you get **645C24**, and if you desaturate by 10%, it is **645E38**.

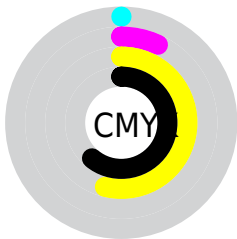
Distribution



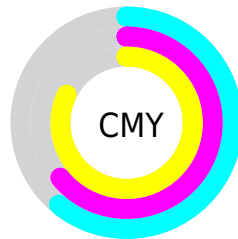
- Red (39%)
- Green (36%)
- Blue (18%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (54%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645D2E 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 645D2E by changing the saturation by 10% instead.

■ 645D2E

■ 645D2E

FFFFFF

■ 4B4618

■ 988F5D

■ 342F00

■ B3AA76

■ 1D1B00

■ CFC590

■ 000000

■ ECE1AB

■ FFFDC6

■ FFFF E3

■ 645D2E

■ 645D2E

■ 645C24

■ 645E38

■ 645A1A

■ 646042

■ 645910

■ 64614C

■ 645806

■ 646256

■ 645700

■ 646360

■ 64656A

■ 646674

■ 64677E

■ 646988

Harmonies

Analogous

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



785532



645D2E



4B6338

Triad

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



645D2E



006778



7E4C6D

Complementary

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



645D2E



2E3564

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.



675480



645D2E



0D6386

Square

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



645D2E



006862



445C89



884A56

Rectangle

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



645D2E



386644



445C89



784E74

Sweetspot

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



645D2E



827F6D



642E35



424136



C2C2C2



424242

Same Dimension

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



645D2E



82772E



50642E



33322E



736400



F2D300

Inverse Universe

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



2E3564



2E3882



422E64



2E2F33



000F73



001FF2

Previews

White Background



This preview shows how the Hex color 645D2E looks on a white background.

Color Contrast Check

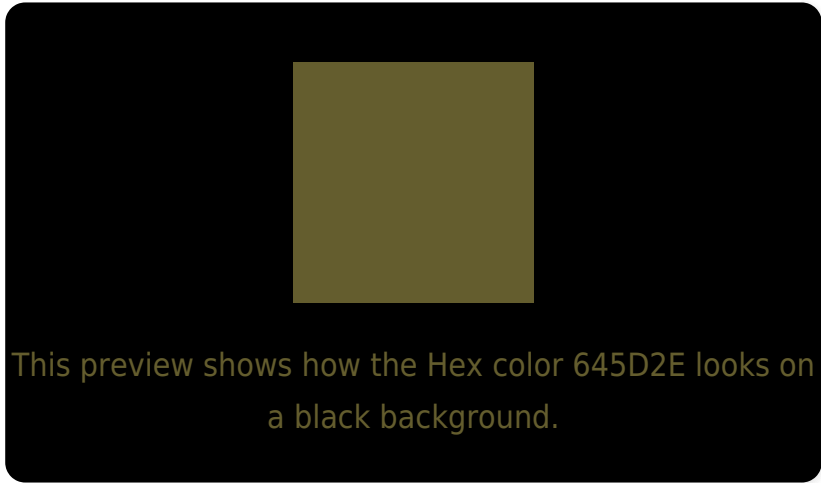
Large Text (above 18pt) WCAG AA ✓ Pass

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

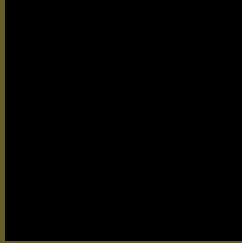
Any Text WCAG AA × Fail

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 645D2E Background



This preview shows how black text looks on a background with the Hex color 645D2E.



This preview shows how white text looks on a background with the Hex color 645D2E.

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
645D2E

Protanopia
665C2E

Deuteranopia
71582F



Tritanopia
69585E

Trichromacy



Original Color
645D2E

Protanomaly
655C2E

Deuteranomaly
6C5A2F

Tritanomaly
675A4D

Monochromacy



Original Color
645D2E

Achromatopsia
5A5A5A

Achromatomaly
5E5B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 645D2E 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 #645D2E looks like.

```
.text, #text, p{  
    color:#645D2E  
}
```

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 #645D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645D2E
}
```

Border

The CSS property to change the border of an element to Hex 645D2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

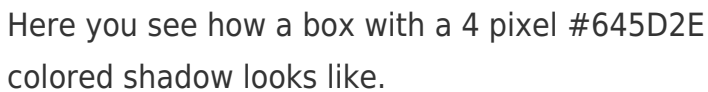
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645D2E }
```

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

```
.border{ border-color:#645D2E }
```

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



Here you see how a box with a 4 pixel #645D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645D2E; -webkit-box-shadow:4px 4px  
4px 4px #645D2E; box-shadow:4px 4px 4px  
4px #645D2E }
```

Background

The CSS property to change the background color of an element to Hex 645D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645D2E }
```

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

```
.background{ background-color:#645D2E }
```

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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