

Converting Colors

Hex(645E42)

Have a look what the booklet for
Hex(645E42) contains.

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Color

Hex(645E42)

Conversions

Conversions Part 1

Format	Color
Hex	645E42
RGB	100, 94, 66
RGB Percent	39%, 37%, 26%
CMY	0.6078, 0.6314, 0.7412
CMYK	0.00, 0.06, 0.34, 0.61
HSL	49°, 20%, 33%
HSV	49°, 34%, 39%
XYZ	10.2416, 11.1081, 6.7585
YIQ	92.6020, 12.5640, -7.4360

Conversions

Conversions Part 2

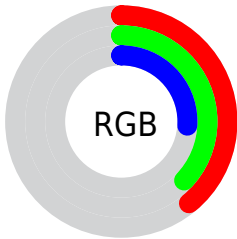
Format	Color
R_{YB}	73, 100, 66
Decimal	6577730
CIE Lab	39.76, -2.42, 16.95
CIE LCh	40, 17.125, 98.139
Yxy	11.1081, 0.3644, 0.3952
Android (android.graphics.Color)	4284767810 (0xFF645E42)
YUV	92.6020, -13.1148, 6.4880
Hunter-Lab	33.3288, -3.4741, 11.3071

Details

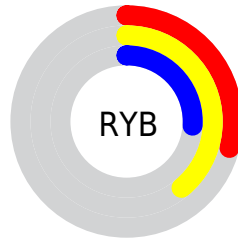
The Hex color **645E42** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **424864**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **979072**, and **343017** is the 20% darker color. If you saturate the color by 10%, you get **645C38**, and if you desaturate by 10%, it is **64604C**.

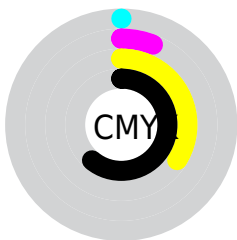
Distribution



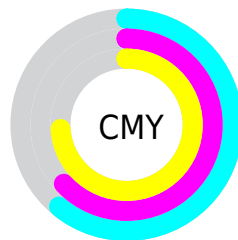
- Red (39%)
- Green (37%)
- Blue (26%)



- Red (29%)
- Yellow (39%)
- Blue (26%)



- Cyan (0%)
- Magenta (6%)
- Yellow (34%)
- Black (61%)



- Cyan (61%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645E42 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 645E42 by changing the saturation by 10% instead.

645E42

645E42

FFFFFF

4C462C

979072

343017

B2AB8C

201B00

CEC6A6

000000

EAE2C1

FFFFDD

FFFFFFA

645E42

645E42

645C38

64604C

■ 645A2E

■ 646256

■ 645924

■ 646360

■ 64571A

■ 64656A

■ 645510

■ 646774

■ 645306

■ 64697E

■ 645200

■ 646A88

■ 646C92

■ 646E9C

Harmonies

Analogous

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



715944



645E42



556247

Triad

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



645E42



34656E



735568

Complementary

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



645E42



424864

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.



655974



645E42



3F6277

Square

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



645E42



386661



525E79



7A535A

Rectangle

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



645E42



4A644F



525E79



6F566D

Sweetspot

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



645E42



828075



644248



42413A



C2C2C2



424242

Same Dimension

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



645E42



82794D



596442



33322E



735F00



F2C800

Inverse Universe

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



424864



4D5682



4D4264



2E2F33



001473



002BF2

Previews

White Background



This preview shows how the Hex color 645E42 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

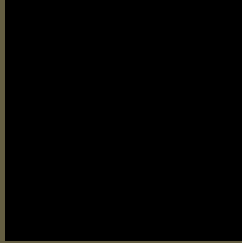
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

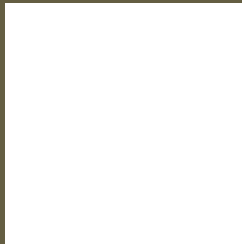
Any Text WCAG AAA × Fail

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

Hex 645E42 Background



This preview shows how black text looks on a background with the Hex color 645E42.

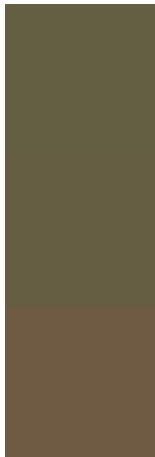


This preview shows how white text looks on a background with the Hex color 645E42.

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
645E42

Protanopia
655E42

Deuteranopia
6F5A43



Tritanopia
685A61

Trichromacy



Original Color
645E42

Protanomaly
655E42

Deuteranomaly
6B5B43

Tritanomaly
675B56

Monochromacy



Original Color
645E42

Achromatopsia
5D5D5D

Achromatomaly
605D53

CSS Examples

Text

The CSS property to change the color of the text to Hex 645E42 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 #645E42 looks like.

```
.text, #text, p{  
    color:#645E42  
}
```

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 #645E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645E42
}
```

Border

The CSS property to change the border of an element to Hex 645E42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

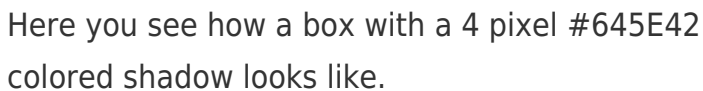
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645E42 }
```

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

```
.border{ border-color:#645E42 }
```

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



Here you see how a box with a 4 pixel #645E42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645E42; -webkit-box-shadow:4px 4px  
4px 4px #645E42; box-shadow:4px 4px 4px  
4px #645E42 }
```

Background

The CSS property to change the background color of an element to Hex 645E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645E42 }
```

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

```
.background{ background-color:#645E42 }
```

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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