

Converting Colors

Hex(645C41)

Have a look what the booklet for
Hex(645C41) contains.

Hex(645C41)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(645C41)

Conversions

Conversions Part 1

Format	Color
Hex	645C41
RGB	100, 92, 65
RGB Percent	39%, 36%, 25%
CMY	0.6078, 0.6392, 0.7451
CMYK	0.00, 0.08, 0.35, 0.61
HSL	46°, 21%, 32%
HSV	46°, 35%, 39%
XYZ	10.0368, 10.7453, 6.5461
YIQ	91.3140, 13.4350, -6.7010

Conversions

Conversions Part 2

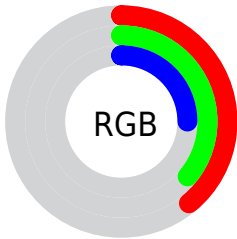
Format	Color
RYB	75, 100, 65
Decimal	6577217
CIELab	39.15, -1.38, 16.73
CIELCh	39, 16.790, 94.699
Yxy	10.7453, 0.3673, 0.3932
Android (android.graphics.Color)	4284767297 (0xFF645C41)
YUV	91.3140, -12.9728, 7.6176
Hunter-Lab	32.7800, -2.7105, 11.1059

Details

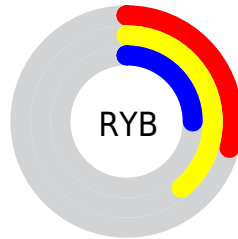
The Hex color **645C41** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **414964**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **978E71**, and **342E16** is the 20% darker color. If you saturate the color by 10%, you get **645A37**, and if you desaturate by 10%, it is **645E4B**.

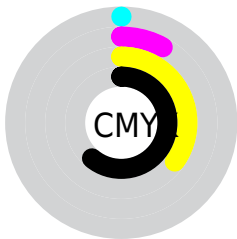
Distribution



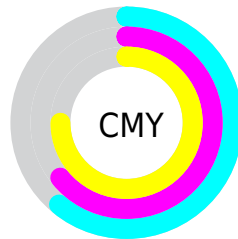
- Red (39%)
- Green (36%)
- Blue (25%)



- Red (29%)
- Yellow (39%)
- Blue (25%)



- Cyan (0%)
- Magenta (8%)
- Yellow (35%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645C41 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 645C41 by changing the saturation by 10% instead.



645C41



645C41

FFFFFF



4C452B



978E71



342E16



B2A98B



201A00



CEC4A5



000000



EAE0C0



FFFCDC



FFFFFF9



645C41



645C41



645A37



645E4B

■ 64572D

■ 646155

■ 645523

■ 64635F

■ 645319

■ 646569

■ 64510F

■ 646773

■ 644E05

■ 646A7D

■ 644D00

■ 646C87

■ 646E91

■ 64719B

Harmonies

Analogous

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



705744



645C41



556045

Triad

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



645C41



33636B



705468

Complementary

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



645C41



414964

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.



615873



645C41



3C6174

Square

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



645C41



38645E



4E5D77



77525B

Rectangle

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



645C41



4B624C



4E5D77



6B556C

Sweetspot

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



645C41



827F74



644149



42403A



C2C2C2



424242

Same Dimension

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



645C41



82764B



5B6441



33322E



735900



F2BB00

Inverse Universe

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



414964



4B5882



4A4164



2E2F33



001A73



0037F2

Previews

White Background



This preview shows how the Hex color 645C41 looks on a white background.

Color Contrast Check

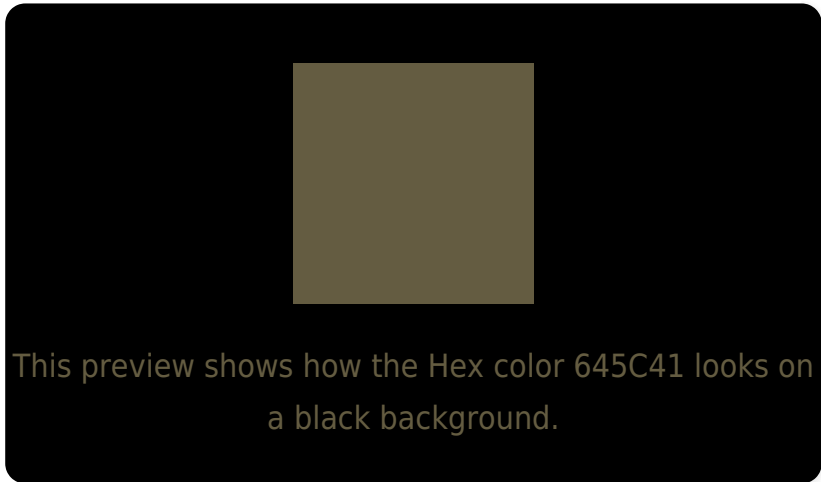
Large Text (above 18pt) WCAG AA ✓ Pass

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

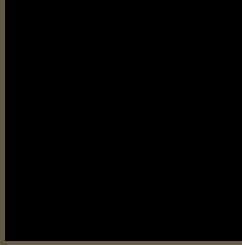
Any Text WCAG AA × Fail

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 645C41 Background



This preview shows how black text looks on a background with the Hex color 645C41.

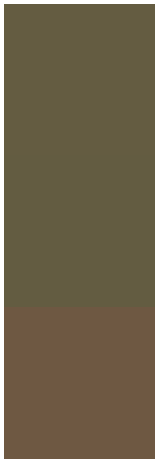


This preview shows how white text looks on a background with the Hex color 645C41.

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
645C41

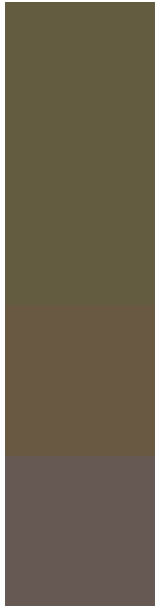
Protanopia
635C41

Deuteranopia
6E5842



Tritanopia
67585F

Trichromacy



Original Color
645C41

Protanomaly
635C41

Deuteranomaly
6A5942

Tritanomaly
665954

Monochromacy



Original Color
645C41

Achromatopsia
5B5B5B

Achromatomaly
5E5B52

CSS Examples

Text

The CSS property to change the color of the text to Hex 645C41 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 #645C41 looks like.

```
.text, #text, p{  
    color:#645C41  
}
```

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 #645C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645C41
}
```

Border

The CSS property to change the border of an element to Hex 645C41 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
#645C41 }
```

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

```
.border{ border-color:#645C41 }
```

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

Here you see how a box with a 4 pixel #645C41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645C41; -webkit-box-shadow:4px 4px  
4px 4px #645C41; box-shadow:4px 4px 4px  
4px #645C41 }
```

Background

The CSS property to change the background color of an element to Hex 645C41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645C41 }
```

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

```
.background{ background-color:#645C41 }
```

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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