

Converting Colors

Hex(645C3A)

Have a look what the booklet for
Hex(645C3A) contains.

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Color

Hex(645C3A)

Conversions

Conversions Part 1

Format	Color
Hex	645C3A
RGB	100, 92, 58
RGB Percent	39%, 36%, 23%
CMY	0.6078, 0.6392, 0.7725
CMYK	0.00, 0.08, 0.42, 0.61
HSL	49°, 27%, 31%
HSV	49°, 42%, 39%
XYZ	9.8464, 10.6691, 5.5434
YIQ	90.5160, 15.6820, -8.8780

Conversions

Conversions Part 2

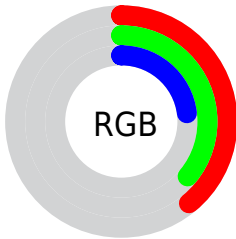
Format	Color
R _{YB}	68, 100, 58
Decimal	6577210
CIE Lab	39.02, -2.32, 20.73
CIE LCh	39, 20.861, 96.375
Yxy	10.6691, 0.3779, 0.4094
Android (android.graphics.Color)	4284767290 (0xFF645C3A)
YUV	90.5160, -16.0304, 8.3175
Hunter-Lab	32.6636, -3.3527, 12.8024

Details

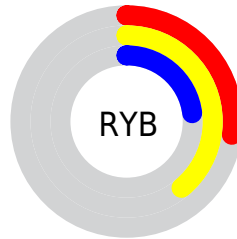
The Hex color **645C3A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A4264**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **988E6A**, and **342E0F** is the 20% darker color. If you saturate the color by 10%, you get **645A30**, and if you desaturate by 10%, it is **645E44**.

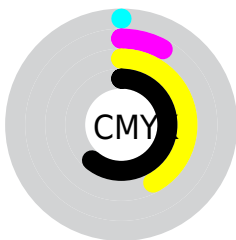
Distribution



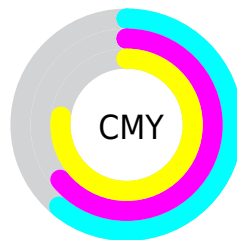
- Red (39%)
- Green (36%)
- Blue (23%)



- Red (27%)
- Yellow (39%)
- Blue (23%)



- Cyan (0%)
- Magenta (8%)
- Yellow (42%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645C3A 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 645C3A by changing the saturation by 10% instead.



645C3A



645C3A

FFFFFF



4C4524



988E6A



342E0F



B3A883



1F1A00



CEC49D



000000



EBE0B8



FFCD4



FFFFF0



645C3A



645C3A



645A30



645E44

■ 645826

■ 64604E

■ 64561C

■ 646258

■ 645412

■ 646462

■ 645208

■ 64666C

■ 645100

■ 646776

■ 646980

■ 646B8A

■ 646D94

Harmonies

Analogous

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



73563D



645C3A



526140

Triad

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



645C3A



22646F



74516A

Complementary

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



645C3A



3A4264

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.



635677



645C3A



31617A

Square

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



645C3A



2A655F



4B5C7D



7D4F59

Rectangle

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



645C3A



446349



4B5C7D



6F536F

Sweetspot

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



645C3A



827F71



643A42



424038



C2C2C2



424242

Same Dimension

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



645C3A



827641



57643A



33322E



735D00



F2C400

Inverse Universe

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



3A4264



414D82



473A64



2E2F33



001673



002EF2

Previews

White Background



This preview shows how the Hex color 645C3A looks on a white background.

Color Contrast Check

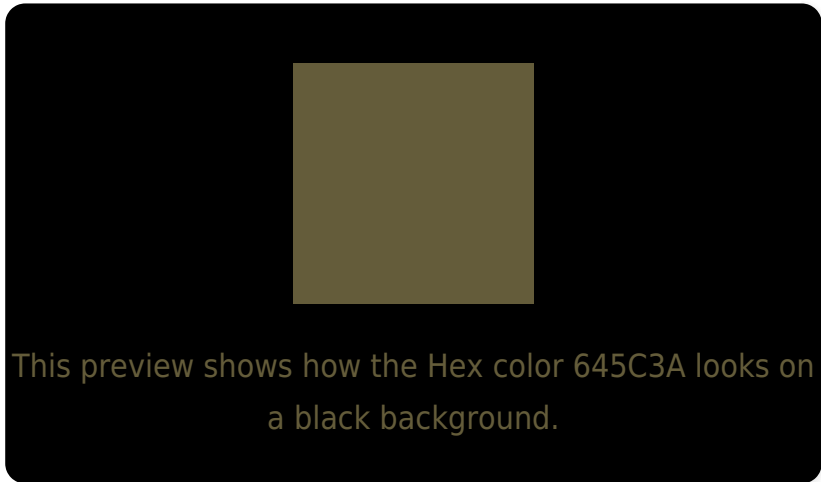
Large Text (above 18pt) WCAG AA ✓ Pass

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

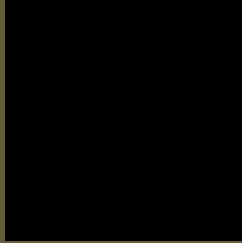
Any Text WCAG AA × Fail

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 645C3A Background



This preview shows how black text looks on a background with the Hex color 645C3A.



This preview shows how white text looks on a background with the Hex color 645C3A.

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
645C3A

Protanopia
645C3A

Deuteranopia
6F583B



Tritanopia
68585E

Trichromacy



Original Color
645C3A

Protanomaly
645C3A

Deuteranomaly
6B593B

Tritanomaly
675951

Monochromacy



Original Color
645C3A

Achromatopsia
5B5B5B

Achromatomaly
5E5B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 645C3A 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 #645C3A looks like.

```
.text, #text, p{  
    color:#645C3A  
}
```

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 #645C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645C3A
}
```

Border

The CSS property to change the border of an element to Hex 645C3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

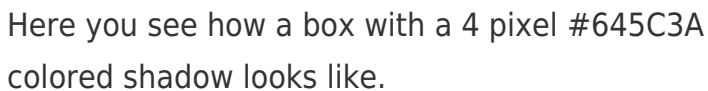
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645C3A }
```

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

```
.border{ border-color:#645C3A }
```

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



Here you see how a box with a 4 pixel #645C3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645C3A; -webkit-box-shadow:4px 4px  
4px 4px #645C3A; box-shadow:4px 4px 4px  
4px #645C3A }
```

Background

The CSS property to change the background color of an element to Hex 645C3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645C3A }
```

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

```
.background{ background-color:#645C3A }
```

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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