

Converting Colors

Hex(645035)

Have a look what the booklet for
Hex(645035) contains.

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Color

Hex(645035)

Conversions

Conversions Part 1

Format	Color
Hex	645035
RGB	100, 80, 53
RGB Percent	39%, 31%, 21%
CMY	0.6078, 0.6863, 0.7922
CMYK	0.00, 0.20, 0.47, 0.61
HSL	34°, 31%, 30%
HSV	34°, 47%, 39%
XYZ	8.7668, 8.7037, 4.5861
YIQ	82.9020, 20.5870, -4.1570

Conversions

Conversions Part 2

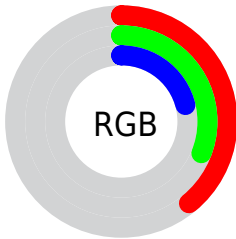
Format	Color
R _Y B	88, 100, 53
Decimal	6574133
CIE Lab	35.41, 4.33, 19.05
CIE LCh	35, 19.533, 77.200
Yxy	8.7037, 0.3975, 0.3946
Android (android.graphics.Color)	4284764213 (0xFF645035)
YUV	82.9020, -14.7417, 14.9949
Hunter-Lab	29.5020, 1.4144, 11.4348

Details

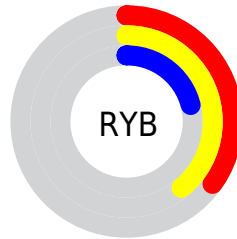
The Hex color **645035** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **354964**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **988164**, and **342409** is the 20% darker color. If you saturate the color by 10%, you get **644C2B**, and if you desaturate by 10%, it is **64543F**.

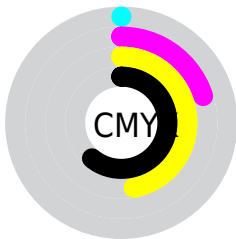
Distribution



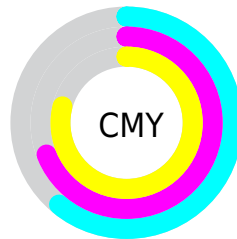
- Red (39%)
- Green (31%)
- Blue (21%)



- Red (35%)
- Yellow (39%)
- Blue (21%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645035 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 645035 by changing the saturation by 10% instead.

 645035

 645035

FFFFFF

 4B391F

 988164

 342409

 B39B7D

 1E0F00

 CFB697

 000000

 ECD1B2

 FFEECD

 FFFFEA

 645035

 645035

 644C2B

 64543F

■ 644721

■ 645949

■ 644317

■ 645D53

■ 643F0D

■ 64615D

■ 643B03

■ 646567

■ 643900

■ 646A71

■ 646E7B

■ 647285

■ 64768F

Harmonies

Analogous

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



6F4B3D



645035



555535

Triad

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



645035



215C5C



604C69

Complementary

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



645035



354964

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.



4C5271



645035



215A6A

Square

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



645035



315B4C



345771



6E485B

Rectangle

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



645035



49583A



345771



5A4E6C

Sweetspot

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



645035



827A70



643549



423E37



C2C2C2



424242

Same Dimension

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



645035



826339



616435



33312E



734200



F28B00

Inverse Universe

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



354964



395882



383564



2E3033



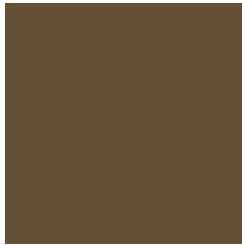
003173



0067F2

Previews

White Background



This preview shows how the Hex color 645035 looks on a white background.

Color Contrast Check

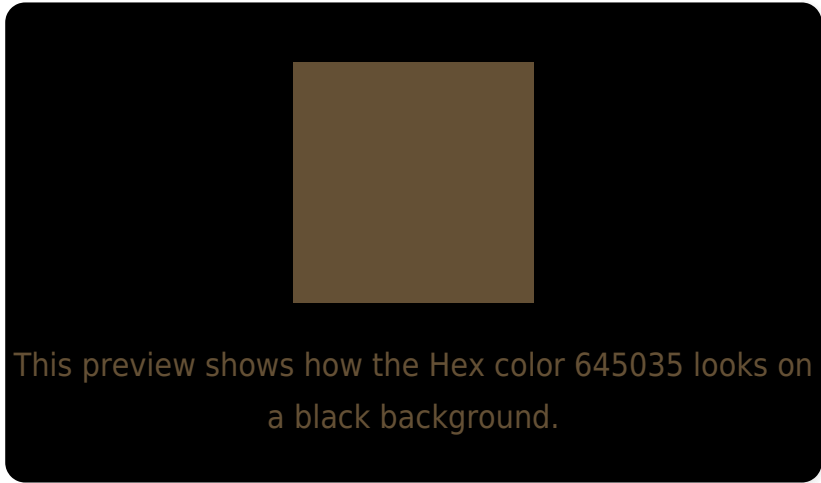
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

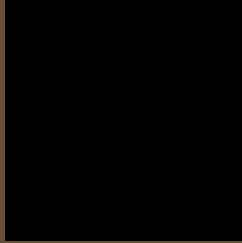
Any Text WCAG AA × Fail

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 645035 Background



This preview shows how black text looks on a background with the Hex color 645035.

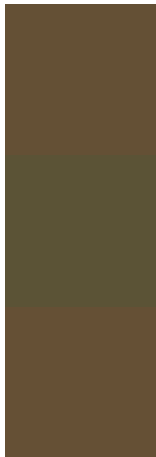


This preview shows how white text looks on a background with the Hex color 645035.

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
645035

Protanopia
5B5336

Deuteranopia
655035



Tritanopia
674C52

Trichromacy



Original Color
645035

Protanomaly
5E5236

Deuteranomaly
655035

Tritanomaly
664D47

Monochromacy



Original Color
645035

Achromatopsia
535353

Achromatomaly
595248

CSS Examples

Text

The CSS property to change the color of the text to Hex 645035 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 #645035 looks like.

```
.text, #text, p{  
    color:#645035  
}
```

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 #645035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645035
}
```

Border

The CSS property to change the border of an element to Hex 645035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

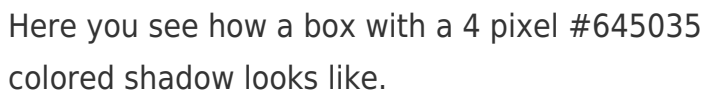
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645035 }
```

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

```
.border{ border-color:#645035 }
```

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



Here you see how a box with a 4 pixel #645035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645035; -webkit-box-shadow:4px 4px  
4px 4px #645035; box-shadow:4px 4px 4px  
4px #645035 }
```

Background

The CSS property to change the background color of an element to Hex 645035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645035 }
```

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

```
.background{ background-color:#645035 }
```

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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