

Converting Colors

Hex(645A4B)

Have a look what the booklet for
Hex(645A4B) contains.

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Color

Hex(645A4B)

Conversions

Conversions Part 1

Format	Color
Hex	645A4B
RGB	100, 90, 75
RGB Percent	39%, 35%, 29%
CMY	0.6078, 0.6471, 0.7059
CMYK	0.00, 0.10, 0.25, 0.61
HSL	36°, 14%, 34%
HSV	36°, 25%, 39%
XYZ	10.1817, 10.5297, 8.1524
YIQ	91.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

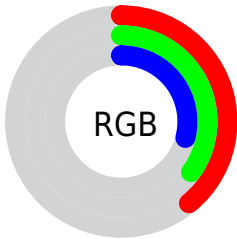
Format	Color
R_{YB}	92, 100, 75
Decimal	6576715
CIE _{Lab}	38.78, 1.36, 10.15
CIE _{LCh}	39, 10.237, 82.382
Yxy	10.5297, 0.3528, 0.3648
Android (android.graphics.Color)	4284766795 (0xFF645A4B)
YUV	91.2800, -8.0260, 7.6474
Hunter-Lab	32.4494, -0.7784, 7.8189

Details

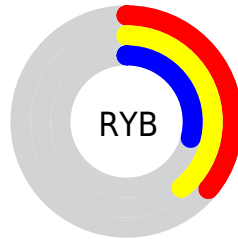
The Hex color **645A4B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4B5564**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **978C7C**, and **352D1F** is the 20% darker color. If you saturate the color by 10%, you get **645641**, and if you desaturate by 10%, it is **645E55**.

Distribution



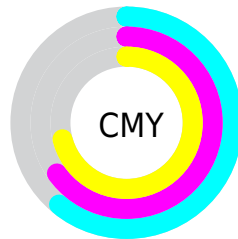
- Red (39%)
- Green (35%)
- Blue (29%)



- Red (36%)
- Yellow (39%)
- Blue (29%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645A4B 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 645A4B by changing the saturation by 10% instead.

645A4B

645A4B

FFFFFF

4C4334

978C7C

352D1F

B2A696

201807

CEC1B0

000000

EADDCC

FFFAE8

645A4B

645A4B

645641

645E55

645237

64625F

■ 644E2D

■ 646669

■ 644A23

■ 646A73

■ 644619

■ 646E7D

■ 64420F

■ 647287

■ 643E05

■ 647691

■ 643C00

■ 647A9B

■ 647EA5

Harmonies

Analogous

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



6A574E



645A4B



5B5D4C

Triad

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



645A4B



466061



645766

Complementary

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



645A4B



4B5564

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.



5A5A6B



645A4B



485F68

Square

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



645A4B



4A6059



505D6C



6B565E

Rectangle

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



645A4B



555E4F



505D6C



615868

Sweetspot

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



645A4B



827E78



644B55



42403C



C2C2C2



424242

Same Dimension

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



645A4B



82725B



62644B



33312E



734500



F29100

Inverse Universe

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



4B5564



5B6B82



4E4B64



2E3033



002E73



0061F2

Previews

White Background



This preview shows how the Hex color 645A4B looks on a white background.

Color Contrast Check

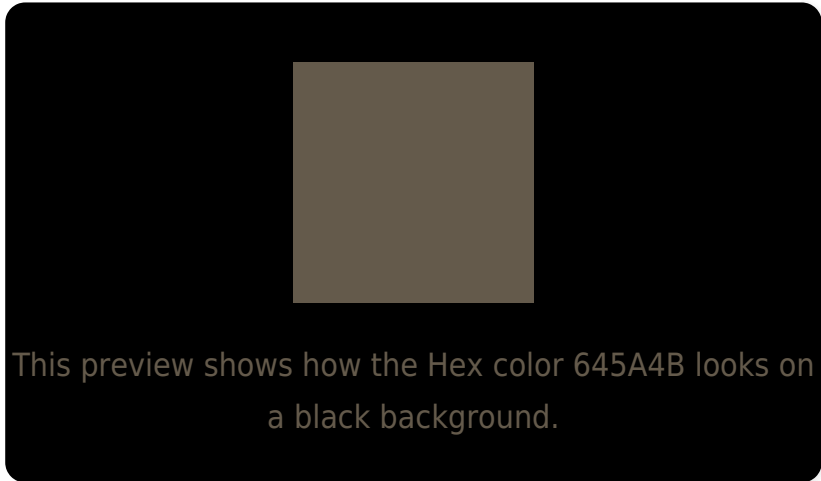
Large Text (above 18pt) WCAG AA ✓ Pass

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

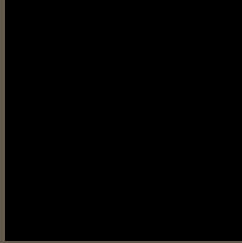
Any Text WCAG AA × Fail

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 645A4B Background



This preview shows how black text looks on a background with the Hex color 645A4B.

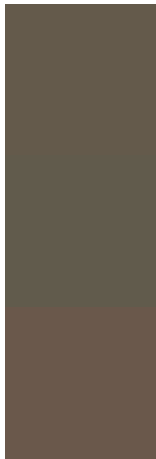


This preview shows how white text looks on a background with the Hex color 645A4B.

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
645A4B

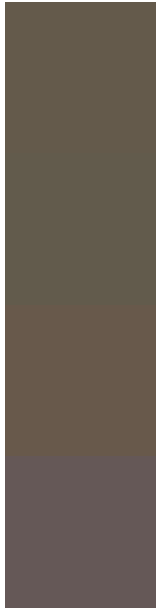
Protanopia
615B4C

Deuteranopia
6A584B



Tritanopia
66575E

Trichromacy



Original Color
645A4B

Protanomaly
625B4C

Deuteranomaly
68594B

Tritanomaly
655857

Monochromacy



Original Color
645A4B

Achromatopsia
5B5B5B

Achromatomaly
5E5B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 645A4B 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 #645A4B looks like.

```
.text, #text, p{  
    color:#645A4B  
}
```

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 #645A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645A4B
}
```

Border

The CSS property to change the border of an element to Hex 645A4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

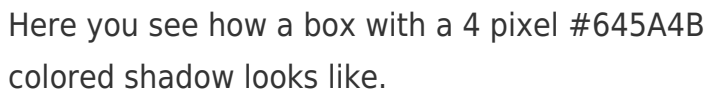
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645A4B }
```

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

```
.border{ border-color:#645A4B }
```

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



Here you see how a box with a 4 pixel #645A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645A4B; -webkit-box-shadow:4px 4px  
4px 4px #645A4B; box-shadow:4px 4px 4px  
4px #645A4B }
```

Background

The CSS property to change the background color of an element to Hex 645A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645A4B }
```

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

```
.background{ background-color:#645A4B }
```

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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