

Converting Colors

Hex(645241)

Have a look what the booklet for
Hex(645241) contains.

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Color

Hex(645241)

Conversions

Conversions Part 1

Format	Color
Hex	645241
RGB	100, 82, 65
RGB Percent	39%, 32%, 25%
CMY	0.6078, 0.6784, 0.7451
CMYK	0.00, 0.18, 0.35, 0.61
HSL	29°, 21%, 32%
HSV	29°, 35%, 39%
XYZ	9.2270, 9.1256, 6.2761
YIQ	85.4440, 16.1850, -1.4710

Conversions

Conversions Part 2

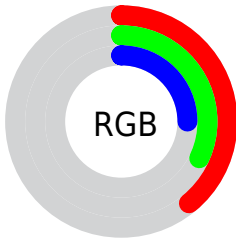
Format	Color
R_{YB}	100, 98, 65
Decimal	6574657
CIE Lab	36.22, 4.69, 12.79
CIE LCh	36, 13.618, 69.860
Yxy	9.1256, 0.3746, 0.3705
Android (android.graphics.Color)	4284764737 (0xFF645241)
YUV	85.4440, -10.0789, 12.7656
Hunter-Lab	30.2086, 1.6564, 8.8279

Details

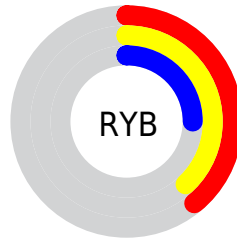
The Hex color **645241** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **415364**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **988371**, and **342516** is the 20% darker color. If you saturate the color by 10%, you get **644D37**, and if you desaturate by 10%, it is **64574B**.

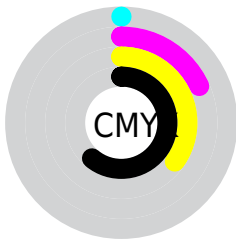
Distribution



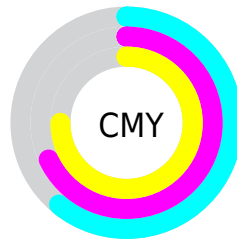
- Red (39%)
- Green (32%)
- Blue (25%)



- Red (39%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (61%)



- Cyan (61%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645241 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 645241 by changing the saturation by 10% instead.

■ 645241

■ 645241

FFFFFF

■ 4C3B2B

■ 988371

■ 342516

■ B39D8A

■ 201100

■ CEB8A5

■ 000000

■ EBD4C0

■ FFF0DC

■ FFFFF8

■ 645241

■ 645241

■ 644D37

■ 64574B

■ 64482D

■ 645C55

■ 644323

■ 64615F

■ 643D19

■ 646769

■ 64380F

■ 646C73

■ 643305

■ 64717D

■ 643100

■ 647687

■ 647B91

■ 64809B

Harmonies

Analogous

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



6A4F48



645241



5A5640

Triad

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



645241



385B59



5C5166

Complementary

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



645241



415364

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.



4D556B



645241



375B63

Square

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



645241



415B4D



3F5869



664E5D

Rectangle

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



645241



525842



3F5869



575268

Sweetspot

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



645241



827B74



644153



423E3A



C2C2C2



424242

Same Dimension

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



645241



82664B



646341



33302E



733800



F27600

Inverse Universe

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



415364



4B6882



414264



2E3133



003B73



007DF2

Previews

White Background



This preview shows how the Hex color 645241 looks on a white background.

Color Contrast Check

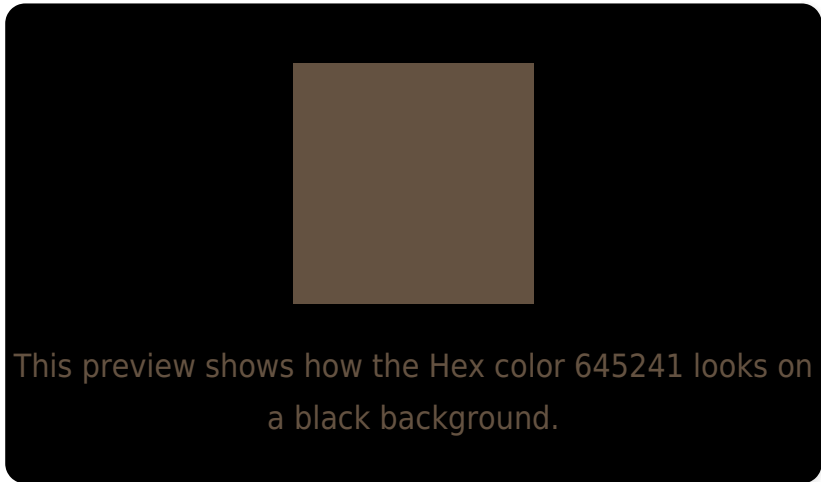
Large Text (above 18pt) WCAG AA ✓ Pass

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

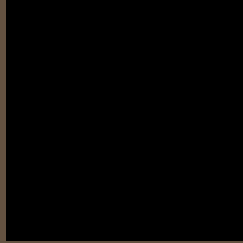
Any Text WCAG AA × Fail

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 645241 Background



This preview shows how black text looks on a background with the Hex color 645241.



This preview shows how white text looks on a background with the Hex color 645241.

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
645241

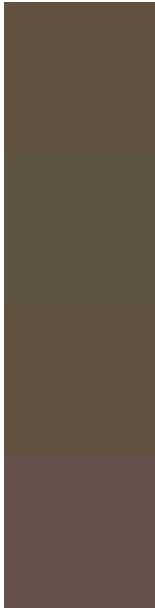
Protanopia
5B5542

Deuteranopia
645241



Tritanopia
664F55

Trichromacy



Original Color
645241

Protanomaly
5E5442

Deuteranomaly
645241

Tritanomaly
65504E

Monochromacy



Original Color
645241

Achromatopsia
555555

Achromatomaly
5A544E

CSS Examples

Text

The CSS property to change the color of the text to Hex 645241 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 #645241 looks like.

```
.text, #text, p{  
    color:#645241  
}
```

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 #645241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645241
}
```

Border

The CSS property to change the border of an element to Hex 645241 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".

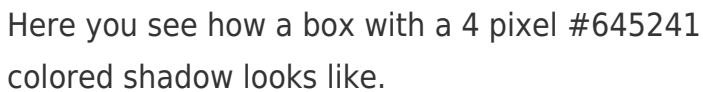
```
.border, #border, table{ border:4px solid
#645241 }
```

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

```
.border{ border-color:#645241 }
```

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

Here you see how a box with a 4 pixel #645241 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645241; -webkit-box-shadow:4px 4px  
4px 4px #645241; box-shadow:4px 4px 4px  
4px #645241 }
```

Background

The CSS property to change the background color of an element to Hex 645241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645241 }
```

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

```
.background{ background-color:#645241 }
```

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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