

Converting Colors

Hex(645C57)

Have a look what the booklet for
Hex(645C57) contains.

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Color

Hex(645C57)

Conversions

Conversions Part 1

Format	Color
Hex	645C57
RGB	100, 92, 87
RGB Percent	39%, 36%, 34%
CMY	0.6078, 0.6392, 0.6588
CMYK	0.00, 0.08, 0.13, 0.61
HSL	23°, 7%, 37%
HSV	23°, 13%, 39%
XYZ	10.8030, 11.0517, 10.5806
YIQ	93.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

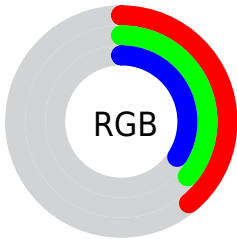
Format	Color
R_{YB}	100, 95, 87
Decimal	6577239
CIE Lab	39.67, 2.25, 4.03
CIE LCh	40, 4.616, 60.792
Yxy	11.0517, 0.3331, 0.3407
Android (android.graphics.Color)	4284767319 (0xFF645C57)
YUV	93.8220, -3.3632, 5.4181
Hunter-Lab	33.2442, -0.1721, 4.4006

Details

The Hex color **645C57** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **575F64**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **978E89**, and **352E2A** is the 20% darker color. If you saturate the color by 10%, you get **64564D**, and if you desaturate by 10%, it is **646261**.

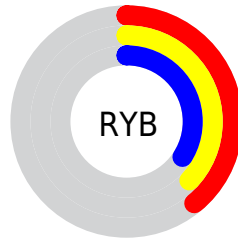
Distribution



Red (39%)

Green (36%)

Blue (34%)



Red (39%)

Yellow (37%)

Blue (34%)

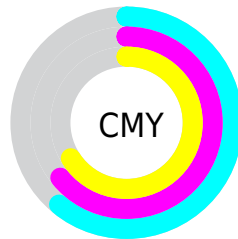


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (61%)



Cyan (61%)

Magenta (64%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645C57 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 645C57 by changing the saturation by 10% instead.



645C57



645C57

FFFFFF



4C4540



978E89



352E2A



B2A9A3



201A15



CDC4BE



020000



E9E0DA



000000



FFFCF6



645C57



645C57



64564D



646261



645043



64686B

■ 644A39

■ 646E75

■ 64432F

■ 64757F

■ 643D25

■ 647B89

■ 64371B

■ 648193

■ 643111

■ 64879D

■ 642B07

■ 648DA7

■ 642600

■ 6493B1

Harmonies

Analogous

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



665B5A



645C57



615D56

Triad

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



645C57



55605D



5E5C64

Complementary

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



645C57



575F64

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.



5A5E65



645C57



546061

Square

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



645C57



585F5A



565F64



635B61

Rectangle

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



645C57



5E5E56



565F64



5D5D64

Sweetspot

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



645C57



827F7D



64575F



42403F



C2C2C2



424242

Same Dimension

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



645C57



82756D



646257



33302E



732C00



F25D00

Inverse Universe

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



575F64



6D7A82



575964



2E3133



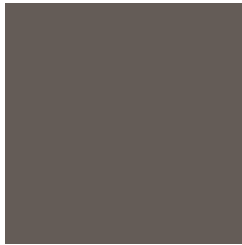
004773



0095F2

Previews

White Background



This preview shows how the Hex color 645C57 looks on a white background.

Color Contrast Check

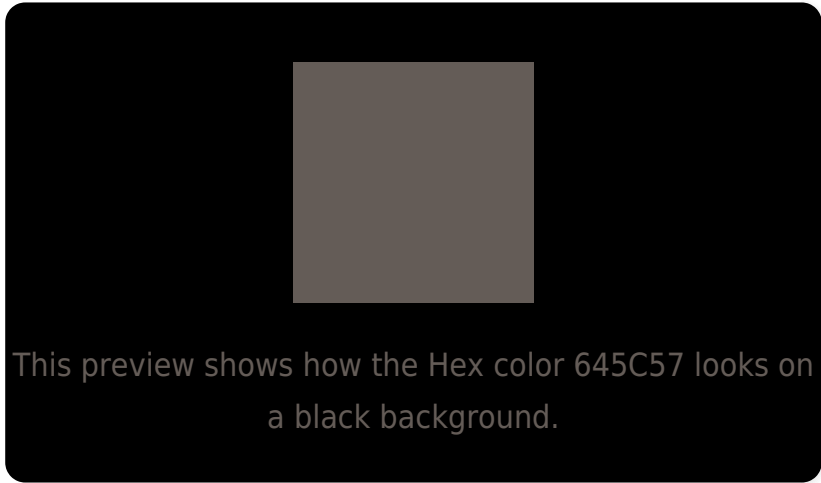
Large Text (above 18pt) WCAG AA ✓ Pass

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

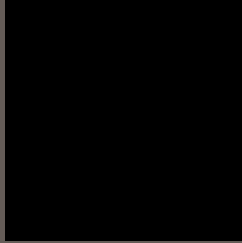
Any Text WCAG AA × Fail

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 645C57 Background



This preview shows how black text looks on a background with the Hex color 645C57.



This preview shows how white text looks on a background with the Hex color 645C57.

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](#).

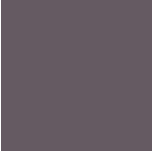
Dichromacy



Original Color
645C57

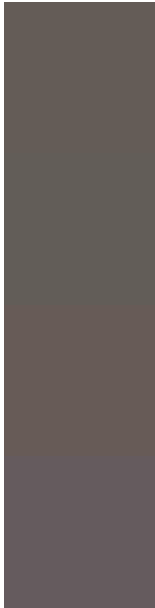
Protanopia
615D58

Deuteranopia
695A57



Tritanopia
655A62

Trichromacy



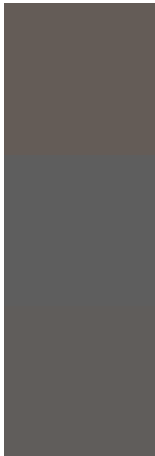
Original Color
645C57

Protanomaly
625D58

Deuteranomaly
675B57

Tritanomaly
655B5E

Monochromacy



Original Color
645C57

Achromatopsia
5E5E5E

Achromatomaly
605D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 645C57 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 #645C57 looks like.

```
.text, #text, p{  
    color:#645C57  
}
```

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 #645C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645C57  
}
```

Border

The CSS property to change the border of an element to Hex 645C57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

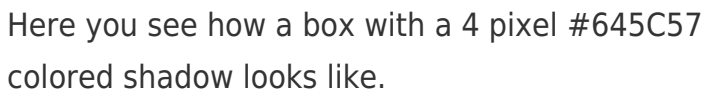
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#645C57 }
```

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

```
.border{ border-color:#645C57 }
```

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



Here you see how a box with a 4 pixel #645C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645C57; -webkit-box-shadow:4px 4px  
4px 4px #645C57; box-shadow:4px 4px 4px  
4px #645C57 }
```

Background

The CSS property to change the background color of an element to Hex 645C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645C57 }
```

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

```
.background{ background-color:#645C57 }
```

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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