

# Converting Colors

Hex(645C52)

Have a look what the booklet for  
Hex(645C52) contains.

<b>Hex(645C52)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(645C52)

# Conversions

## Conversions Part 1

Format	Color
Hex	645C52
RGB	100, 92, 82
RGB Percent	39%, 36%, 32%
CMY	0.6078, 0.6392, 0.6784
CMYK	0.00, 0.08, 0.18, 0.61
HSL	33°, 10%, 36%
HSV	33°, 18%, 39%
XYZ	10.6057, 10.9728, 9.5416
YIQ	93.2520, 7.9780, -1.4140

# Conversions

## Conversions Part 2

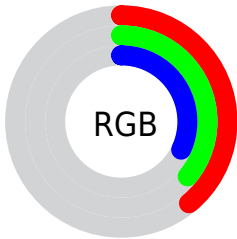
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 100, 82
Decimal	6577234
CIELab	39.53, 1.34, 6.91
CIELCh	40, 7.043, 79.020
Yxy	10.9728, 0.3408, 0.3526
Android (android.graphics.Color)	4284767314 (0xFF645C52)
YUV	93.2520, -5.5472, 6.9180
Hunter-Lab	33.1252, -0.8190, 6.1094

# Details

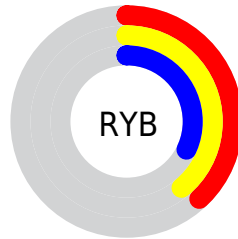
The Hex color **645C52** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **525A64**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **978E83**, and **352E25** is the 20% darker color. If you saturate the color by 10%, you get **645848**, and if you desaturate by 10%, it is **64605C**.

# Distribution



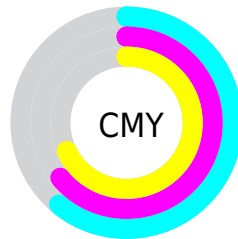
- Red (39%)
- Green (36%)
- Blue (32%)



- Red (38%)
- Yellow (39%)
- Blue (32%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 645C52 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 645C52 by changing the saturation by 10% instead.





645C52



645C52

FFFFFF



4C453B



978E83



352E25



B2A99D



201A11



CDC4B8



000000



E9E0D4



FFFCF0



645C52



645C52



645848



64605C



64533E



646566

■ 644F34

■ 646970

■ 644A2A

■ 646E7A

■ 644620

■ 647284

■ 644116

■ 64778E

■ 643D0C

■ 647B98

■ 643802

■ 6480A2

■ 643800

■ 6484AC

# Harmonies

## Analogous

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



685A55



645C52



5E5E52

# Triad

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



645C52



4F6161



635B65

# Complementary

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



645C52



525A64

# 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.



5C5C68



645C52



506066

# Square

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



645C52



52605B



555E68



68595F

# Rectangle

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



645C52



595F54



555E68



605B66



# Sweetspot

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



645C52



827F7C



64525A



42413E



C2C2C2



424242



# Same Dimension

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



645C52



827565



636452



33312E



734000



F28700



# Inverse Universe

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



525A64



657282



535264



2E3033



003373



006CF2



# Previews

## White Background



This preview shows how the Hex color 645C52 looks on a white background.

## Color Contrast Check

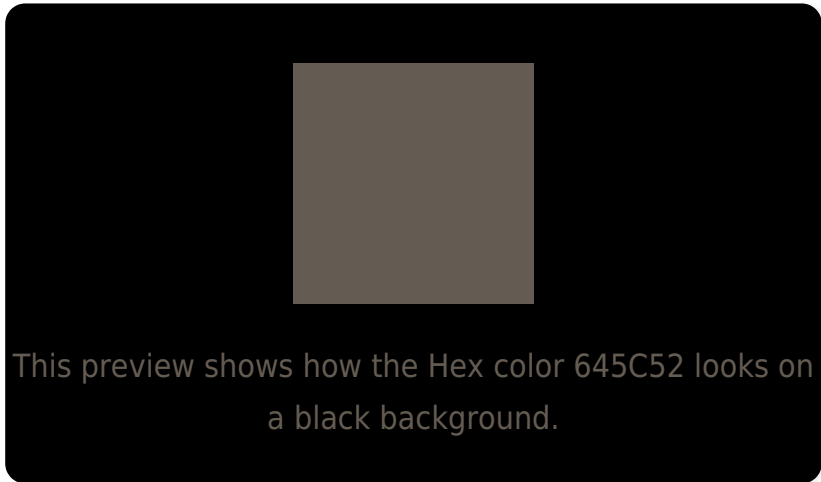
Large Text (above 18pt) WCAG AA ✓ Pass

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

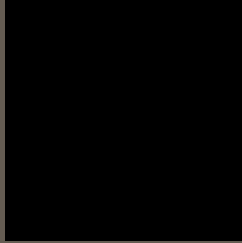
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 645C52 Background



This preview shows how black text looks on a background with the Hex color 645C52.



This preview shows how white text looks on a background with the Hex color 645C52.

# 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**


645C52

**Protanopia**

615D52

**Deuteranopia**

6A5A52



**Tritanopia**  
665A61

# Trichromacy



**Original Color**  
645C52

**Protanomaly**  
625D52

**Deuteranomaly**  
685B52

**Tritanomaly**  
655B5C

# Monochromacy



**Original Color**  
645C52

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
605D59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 645C52 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 #645C52 looks like.

```
.text, #text, p{  
    color:#645C52  
}
```

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 #645C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645C52
}
```

## Border

The CSS property to change the border of an element to Hex 645C52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

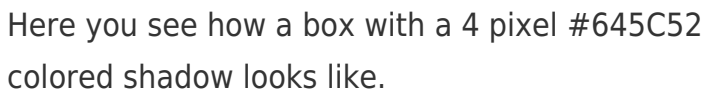
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645C52 }
```

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

```
.border{ border-color:#645C52 }
```

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



Here you see how a box with a 4 pixel #645C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645C52; -webkit-box-shadow:4px 4px  
4px 4px #645C52; box-shadow:4px 4px 4px  
4px #645C52 }
```

# Background

The CSS property to change the background color of an element to Hex 645C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645C52 }
```

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

```
.background{ background-color:#645C52 }
```

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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