

# Converting Colors

Hex(635D47)

Have a look what the booklet for  
Hex(635D47) contains.

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# Color

Hex(635D47)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635D47
RGB	99, 93, 71
RGB Percent	39%, 36%, 28%
CMY	0.6118, 0.6353, 0.7216
CMYK	0.00, 0.06, 0.28, 0.61
HSL	47°, 16%, 33%
HSV	47°, 28%, 39%
XYZ	10.1973, 10.9363, 7.5347
YIQ	92.2860, 10.6380, -5.5700

# Conversions

## Conversions Part 2

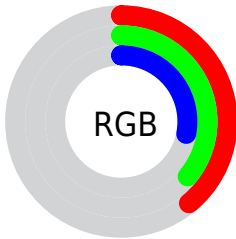
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 99, 71
Decimal	6511943
CIE Lab	39.47, -1.52, 13.53
CIE LCh	39, 13.618, 96.420
Yxy	10.9363, 0.3557, 0.3815
Android (android.graphics.Color)	4284702023 (0xFF635D47)
YUV	92.2860, -10.4940, 5.8882
Hunter-Lab	33.0701, -2.8315, 9.6404

# Details

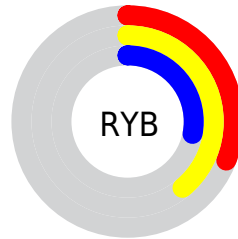
The Hex color **635D47** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **474D63**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **968F78**, and **342F1B** is the 20% darker color. If you saturate the color by 10%, you get **635B3D**, and if you desaturate by 10%, it is **635F51**.

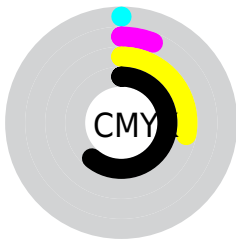
# Distribution



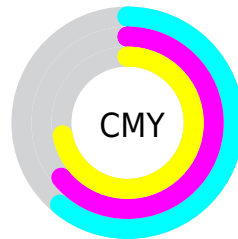
- Red (39%)
- Green (36%)
- Blue (28%)



- Red (31%)
- Yellow (39%)
- Blue (28%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635D47 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 635D47 by changing the saturation by 10% instead.





635D47



635D47

FFFFFF



4B4530



968F78



342F1B



B1AA91



1F1A01



CDC5AC



000000



E9E1C7



FFFDE3



635D47



635D47



635B3D



635F51



635933



63615B

■ 635729

■ 636365

■ 63551F

■ 63656F

■ 635216

■ 636879

■ 63500C

■ 636A82

■ 634E02

■ 636C8C

■ 634E00

■ 636E96

■ 6370A0

# Harmonies

## Analogous

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



6D5949



635D47



57604B

# Triad

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



635D47



3E636A



6D5666

# Complementary

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



635D47



474D63

# 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.



62596F



635D47



466171

# Square

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



635D47



41635F



535D73



73555B

# Rectangle

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



635D47



4E6250



535D73



6A5769



# Sweetspot

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



635D47



807D75



63474D



403E39



BFBFBF



404040



# Same Dimension

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



635D47



807654



5B6347



302F2C



705800



F0BC00



# Inverse Universe

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



474D63



545D80



4F4763



2C2D30



001870



0033F0



# Previews

## White Background



This preview shows how the Hex color 635D47 looks on a white background.

## Color Contrast Check

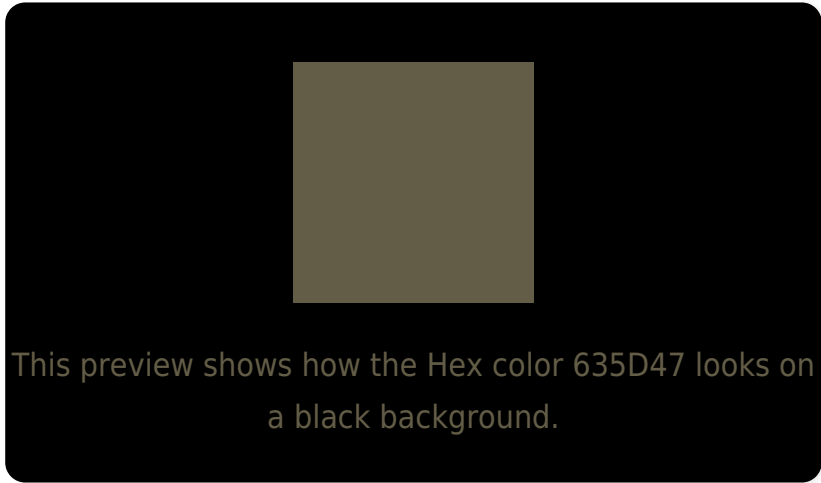
Large Text (above 18pt) WCAG AA ✓ Pass

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

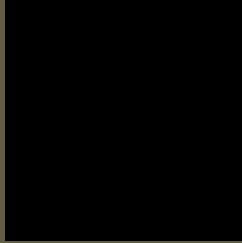
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

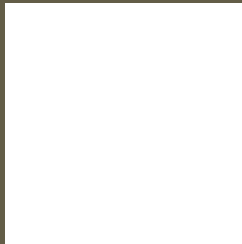
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 635D47 Background



This preview shows how black text looks on a background with the Hex color 635D47.

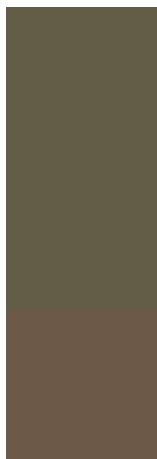


This preview shows how white text looks on a background with the Hex color 635D47.

# 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**


635D47

**Protanopia**

635D47

**Deuteranopia**

6D5948



**Tritanopia**  
665A61

# Trichromacy



**Original Color**  
635D47

**Protanomaly**  
635D47

**Deuteranomaly**  
695A48

**Tritanomaly**  
655B58

# Monochromacy



**Original Color**  
635D47

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
5F5C54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635D47 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 #635D47 looks like.

```
.text, #text, p{  
    color:#635D47  
}
```

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 #635D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635D47
}
```

## Border

The CSS property to change the border of an element to Hex 635D47 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".

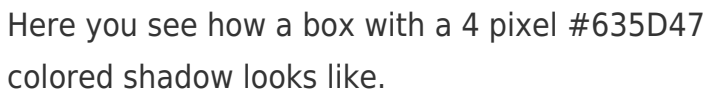
```
.border, #border, table{ border:4px solid
#635D47 }
```

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

```
.border{ border-color:#635D47 }
```

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

Here you see how a box with a 4 pixel #635D47 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635D47; -webkit-box-shadow:4px 4px  
4px 4px #635D47; box-shadow:4px 4px 4px  
4px #635D47 }
```

# Background

The CSS property to change the background color of an element to Hex 635D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635D47 }
```

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

```
.background{ background-color:#635D47 }
```

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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