

# Converting Colors

Hex(635F50)

Have a look what the booklet for  
Hex(635F50) contains.

<b>Hex(635F50)</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(635F50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635F50
RGB	99, 95, 80
RGB Percent	39%, 37%, 31%
CMY	0.6118, 0.6275, 0.6863
CMYK	0.00, 0.04, 0.19, 0.61
HSL	47°, 11%, 35%
HSV	47°, 19%, 39%
XYZ	10.6858, 11.4163, 9.2298
YIQ	94.4860, 7.1990, -3.8170

# Conversions

## Conversions Part 2

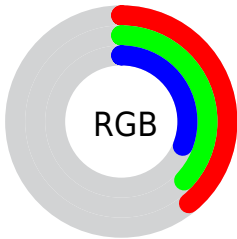
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 99, 80
Decimal	6512464
CIE Lab	40.27, -1.24, 9.17
CIE LCh	40, 9.249, 97.680
Yxy	11.4163, 0.3411, 0.3644
Android (android.graphics.Color)	4284702544 (0xFF635F50)
YUV	94.4860, -7.1416, 3.9588
Hunter-Lab	33.7879, -2.6765, 7.4555

# Details

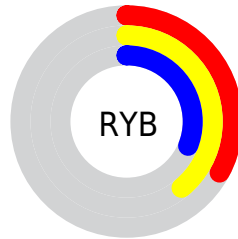
The Hex color **635F50** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **505463**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **969181**, and **343123** is the 20% darker color. If you saturate the color by 10%, you get **635D46**, and if you desaturate by 10%, it is **63615A**.

# Distribution



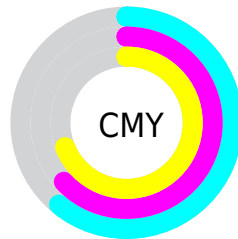
- Red (39%)
- Green (37%)
- Blue (31%)



- Red (33%)
- Yellow (39%)
- Blue (31%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (61%)



- Cyan (61%)
- Magenta (63%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635F50 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 635F50 by changing the saturation by 10% instead.



 635F50

 635F50

FFFFFF

 4B4739

 969181

 343123

 B1AC9B

 1F1C0E

 CCC7B6

 000200

 E8E3D2

 000000

 FFFFEE

 635F50

 635F50

 635D46

 63615A

 635B3C

 636364

■ 635932

■ 63656E

■ 635728

■ 636778

■ 63551F

■ 636982

■ 635215

■ 636C8B

■ 63500B

■ 636E95

■ 634E01

■ 63709F

■ 634E00

■ 6372A9

# Harmonies

## Analogous

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



6A5D51



635F50



5A6153

# Triad

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



635F50



4C6368



6B5A65

# Complementary

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



635F50



505463

# 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.



635C6B



635F50



50616D

# Square

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



635F50



4D6361



595F6E



6F5A5D

# Rectangle

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



635F50



556257



595F6E



685B67



# Sweetspot

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



635F50



807E78



635054



403F3B



BFBFBF



404040



# Same Dimension

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



635F50



807962



5E6350



302F2C



705900



F0BD00



# Inverse Universe

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



505463



626880



555063



2C2D30



001870



0032F0



# Previews

## White Background



This preview shows how the Hex color 635F50 looks on a white background.

## Color Contrast Check

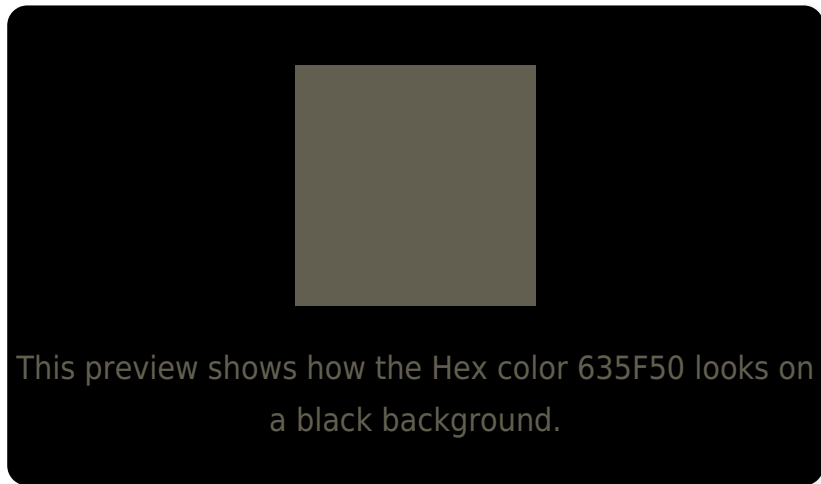
Large Text (above 18pt) WCAG AA ✓ Pass

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

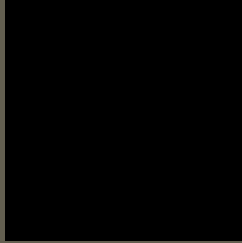
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635F50 Background



This preview shows how black text looks on a background with the Hex color 635F50.

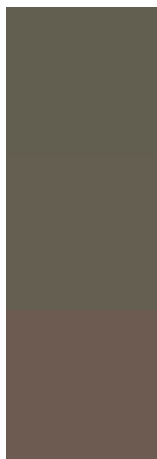


This preview shows how white text looks on a background with the Hex color 635F50.

# 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**

635F50

**Protanopia**

645F50

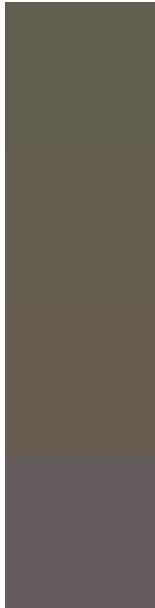
**Deuteranopia**

6D5B51



**Tritanopia**  
665C64

# Trichromacy



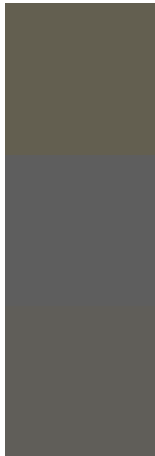
**Original Color**  
635F50

**Protanomaly**  
645F50

**Deuteranomaly**  
695C51

**Tritanomaly**  
655D5D

# Monochromacy



**Original Color**  
635F50

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
605E59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635F50 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 #635F50 looks like.

```
.text, #text, p{  
    color:#635F50  
}
```

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 #635F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635F50
}
```

## Border

The CSS property to change the border of an element to Hex 635F50 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".

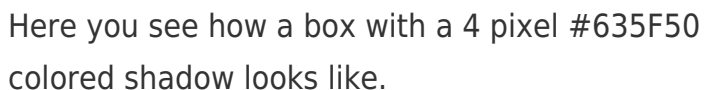
```
.border, #border, table{ border:4px solid
#635F50 }
```

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

```
.border{ border-color:#635F50 }
```

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

Here you see how a box with a 4 pixel #635F50 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635F50; -webkit-box-shadow:4px 4px  
4px 4px #635F50; box-shadow:4px 4px 4px  
4px #635F50 }
```

# Background

The CSS property to change the background color of an element to Hex 635F50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635F50 }
```

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

```
.background{ background-color:#635F50 }
```

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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