

# Converting Colors

Hex(57645D)

Have a look what the booklet for  
Hex(57645D) contains.

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# Color

Hex(57645D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57645D
RGB	87, 100, 93
RGB Percent	34%, 39%, 36%
CMY	0.6588, 0.6078, 0.6353
CMYK	0.13, 0.00, 0.07, 0.61
HSL	148°, 7%, 37%
HSV	148°, 13%, 39%
XYZ	10.4634, 11.9309, 12.1073
YIQ	95.3150, -5.5010, -4.9330

# Conversions

## Conversions Part 2

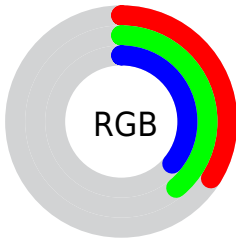
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 96, 100
Decimal	5727325
CIELab	41.11, -6.51, 2.28
CIELCh	41, 6.902, 160.672
Yxy	11.9309, 0.3033, 0.3458
Android (android.graphics.Color)	4283917405 (0xFF57645D)
YUV	95.3150, -1.1413, -7.2923
Hunter-Lab	34.5411, -6.3745, 3.3965

# Details

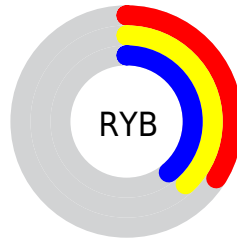
The Hex color **57645D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **64575E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **89978F**, and **2A352F** is the 20% darker color. If you saturate the color by 10%, you get **4D6458**, and if you desaturate by 10%, it is **616462**.

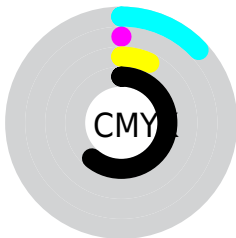
# Distribution



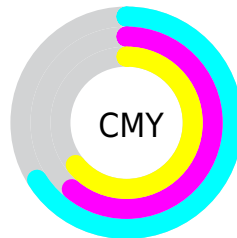
- Red (34%)
- Green (39%)
- Blue (36%)



- Red (34%)
- Yellow (38%)
- Blue (39%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (61%)



- Cyan (66%)
- Magenta (61%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57645D 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 57645D by changing the saturation by 10% instead.



■ 57645D

■ 57645D

FFFFFF

■ 404C45

■ 89978F

■ 2A352F

■ A3B2AA

■ 15201A

■ BECDC5

■ 000800

■ DAE9E1

■ 000000

■ F7FFFE

■ 57645D

■ 57645D

■ 4D6458

■ 616462

■ 436452

■ 6B6468

■ 39644D

■ 75646D

■ 2F6447

■ 7F6473

■ 256442

■ 896478

■ 1B643D

■ 93647D

■ 116437

■ 9D6483

■ 076432

■ A76488

■ 00642E

■ B1648D

# Harmonies

## Analogous

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



5D6358



57645D



536463

# Triad

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



57645D



5E616C



6D5E5A

# Complementary

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



57645D



64575E

# 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.



6D5D5F



57645D



655F6A

# Square

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



57645D



57636B



6A5E65



695F56

# Rectangle

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



57645D



536466



6A5E65



6D5D5B



# Sweetspot

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



57645D



7D827F



5E6457



3F4241



C2C2C2



424242



# Same Dimension

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



57645D



6D8277



576463



2E3330



007335



00F270



# Inverse Universe

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



64575E



826D78



645758



332E31



73003E



F20082



# Previews

## White Background



This preview shows how the Hex color 57645D looks on a white background.

## Color Contrast Check

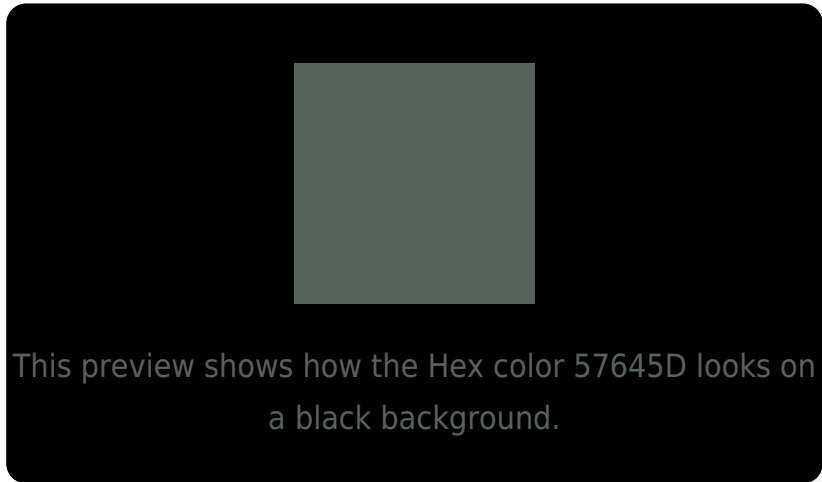
Large Text (above 18pt) WCAG AA ✓ Pass

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

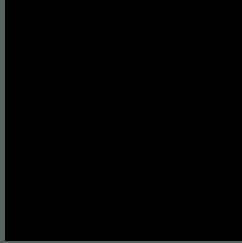
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

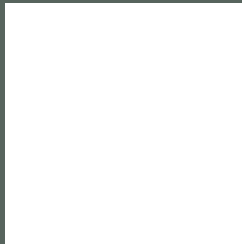
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57645D Background



This preview shows how black text looks on a background with the Hex color 57645D.



This preview shows how white text looks on a background with the Hex color 57645D.

# 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](#).

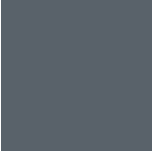
## Dichromacy



**Original Color**  
57645D

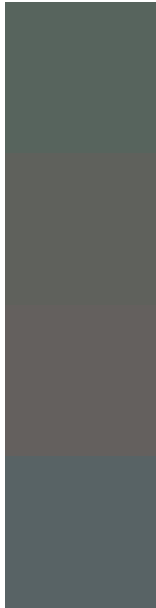
**Protanopia**  
64605B

**Deuteranopia**  
6B5E5E



**Tritanopia**  
59626A

# Trichromacy



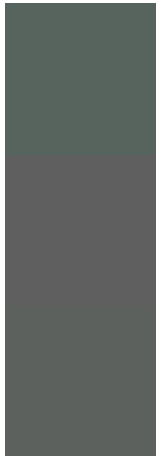
**Original Color**  
57645D

**Protanomaly**  
5F615C

**Deuteranomaly**  
64605E

**Tritanomaly**  
586365

# Monochromacy



**Original Color**  
57645D

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
5C615E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57645D 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 #57645D looks like.

```
.text, #text, p{  
    color:#57645D  
}
```

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 #57645D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57645D
}
```

## Border

The CSS property to change the border of an element to Hex 57645D 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
#57645D }
```

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

```
.border{ border-color:#57645D }
```

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

Here you see how a box with a 4 pixel #57645D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57645D; -webkit-box-shadow:4px 4px  
4px 4px #57645D; box-shadow:4px 4px 4px  
4px #57645D }
```

# Background

The CSS property to change the background color of an element to Hex 57645D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57645D }
```

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

```
.background{ background-color:#57645D }
```

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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