

# Converting Colors

Hex(63745D)

Have a look what the booklet for  
Hex(63745D) contains.

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# Color

Hex(63745D)

# Conversions

## Conversions Part 1

Format	Color
Hex	63745D
RGB	99, 116, 93
RGB Percent	39%, 45%, 36%
CMY	0.6118, 0.5451, 0.6353
CMYK	0.15, 0.00, 0.20, 0.55
HSL	104°, 11%, 41%
HSV	104°, 20%, 45%
XYZ	13.3668, 15.9337, 12.7269
YIQ	108.2950, -2.7490, -10.7570

# Conversions

## Conversions Part 2

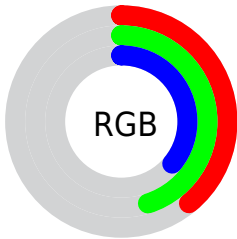
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 116, 110
Decimal	6517853
CIE <sub>Lab</sub>	46.89, -11.05, 10.64
CIE <sub>LCh</sub>	47, 15.340, 136.089
Yxy	15.9337, 0.3180, 0.3791
Android (android.graphics.Color)	4284707933 (0xFF63745D)
YUV	108.2950, -7.5404, -8.1517
Hunter-Lab	39.9171, -10.0818, 9.0383

# Details

The Hex color **63745D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E5D74**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **96A88F**, and **34442F** is the 20% darker color. If you saturate the color by 10%, you get **5A7451**, and if you desaturate by 10%, it is **6C7469**.

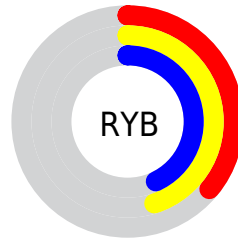
# Distribution



Red (39%)

Green (45%)

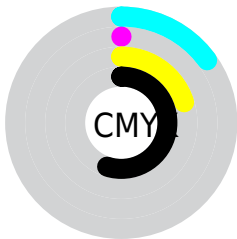
Blue (36%)



Red (36%)

Yellow (45%)

Blue (43%)

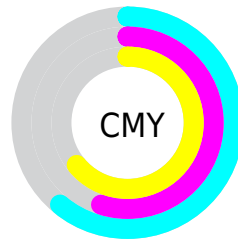


Cyan (15%)

Magenta (0%)

Yellow (20%)

Black (55%)



Cyan (61%)

Magenta (55%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63745D 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 63745D by changing the saturation by 10% instead.





63745D



63745D

FFFFFF



4B5B45



96A88F



34442F



B1C3AA



1F2E1A



CCDFC5



091900



E8FCE1



000000

FFFFFFE



63745D



63745D



5A7451



6C7469



527446



747474

■ 49743A

■ 7D7480

■ 41742F

■ 85748B

■ 387423

■ 8E7497

■ 307417

■ 9674A3

■ 27740C

■ 9F74AE

■ 1E7400

■ A874BA

■ B074C5

# Harmonies

## Analogous

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



727156



63745D



557669

# Triad

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



63745D



597288



8A6669

# Complementary

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



63745D



6E5D74

# 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.



856776



63745D



696E88

# Square

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



63745D



4D7581



7A6A81



87685D

# Rectangle

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



63745D



4E7771



7A6A81



89666D



# Sweetspot

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



63745D



90968D



746E5D



494D47



CCCCCC



4D4D4D



# Same Dimension

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



63745D



7C9672



5D7462



363B35



207A00



41FA00



# Inverse Universe

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



6E5D74



8D7296



745D6F



39353B



5A007A

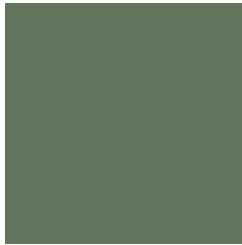


B900FA



# Previews

## White Background



This preview shows how the Hex color 63745D looks on a white background.

## Color Contrast Check

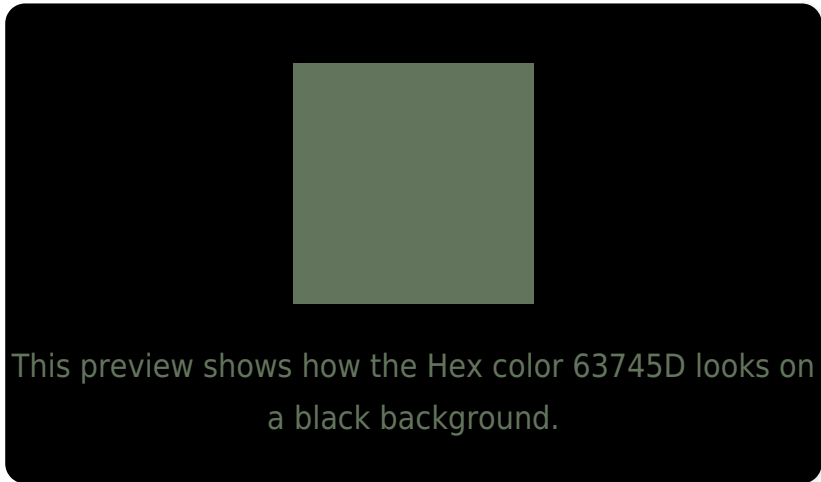
Large Text (above 18pt) WCAG AA ✓ Pass

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

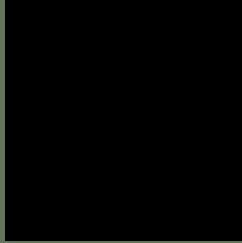
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

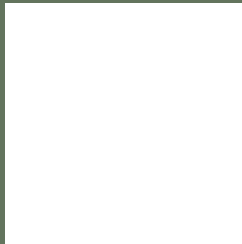
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63745D Background



This preview shows how black text looks on a background with the Hex color 63745D.



This preview shows how white text looks on a background with the Hex color 63745D.

# 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**  
63745D

**Protanopia**  
756F5A

**Deuteranopia**  
7F6B5F



**Tritanopia**  
677079

# Trichromacy



**Original Color**  
63745D

**Protanomaly**  
6E715B

**Deuteranomaly**  
756E5E

**Tritanomaly**  
66716F

# Monochromacy



**Original Color**  
63745D

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
696F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63745D 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 #63745D looks like.

```
.text, #text, p{  
    color:#63745D  
}
```

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 #63745D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63745D
}
```

## Border

The CSS property to change the border of an element to Hex 63745D 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".

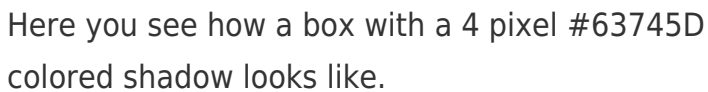
```
.border, #border, table{ border:4px solid
#63745D }
```

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

```
.border{ border-color:#63745D }
```

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

Here you see how a box with a 4 pixel #63745D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63745D; -webkit-box-shadow:4px 4px  
4px 4px #63745D; box-shadow:4px 4px 4px  
4px #63745D }
```

# Background

The CSS property to change the background color of an element to Hex 63745D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63745D }
```

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

```
.background{ background-color:#63745D }
```

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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