

# Converting Colors

Hex(63752D)

Have a look what the booklet for  
Hex(63752D) contains.

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**Color**

**Hex(63752D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63752D
RGB	99, 117, 45
RGB Percent	39%, 46%, 18%
CMY	0.6118, 0.5412, 0.8235
CMYK	0.15, 0.00, 0.62, 0.54
HSL	75°, 44%, 32%
HSV	75°, 62%, 46%
XYZ	11.9805, 15.5647, 4.8555
YIQ	103.4100, 12.3840, -26.2080

# Conversions

## Conversions Part 2

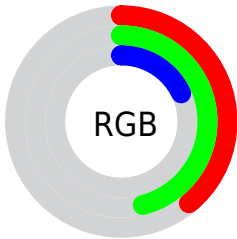
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 117, 63
Decimal	6518061
CIE Lab	46.40, -18.26, 36.66
CIE LCh	46, 40.956, 116.478
Yxy	15.5647, 0.3698, 0.4804
Android (android.graphics.Color)	4284708141 (0xFF63752D)
YUV	103.4100, -28.7961, -3.8676
Hunter-Lab	39.4521, -14.8356, 20.3195

# Details

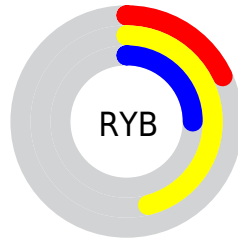
The Hex color **63752D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F2D75**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **98A95E**, and **324500** is the 20% darker color. If you saturate the color by 10%, you get **607521**, and if you desaturate by 10%, it is **667539**.

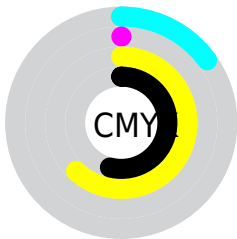
# Distribution



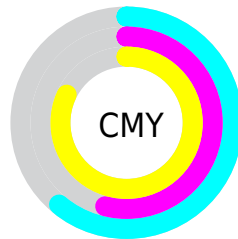
- Red (39%)
- Green (46%)
- Blue (18%)



- Red (18%)
- Yellow (46%)
- Blue (25%)



- Cyan (15%)
- Magenta (0%)
- Yellow (62%)
- Black (54%)



- Cyan (61%)
- Magenta (54%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63752D 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 63752D by changing the saturation by 10% instead.





63752D



63752D

FFFFFF



4A5C14



98A95E



324500



B3C477



1A2E00



CFE092



001B00



ECFDAD



000000



FFFFC8



FFFFE5



63752D



63752D



607521



667539

■ 5D7516

■ 697544

■ 5A750A

■ 6C7550

■ 587500

■ 6F755C

■ 727567

■ 757573

■ 77757F

■ 7A758B

■ 7D7596

# Harmonies

## Analogous

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



856B26



63752D



377C46

# Triad

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



63752D



007BA7



AA5073

# Complementary

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



63752D



3F2D75

# 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.



945994



63752D



0F73B2

# Square

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



63752D



007F8C



6967AC



AD5351

# Rectangle

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



63752D



007E5D



6967AC



A5527F



# Sweetspot

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



63752D



92997D



753F2D



484D3C



CCCCCC



4D4D4D



# Same Dimension

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



63752D



7D9928



3F752D



393B35



5C7A00



BBFA00



# Inverse Universe

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



3F2D75



442899



632D75



36353B



1F007A



3E00FA



# Previews

## White Background



This preview shows how the Hex color 63752D looks on a white background.

## Color Contrast Check

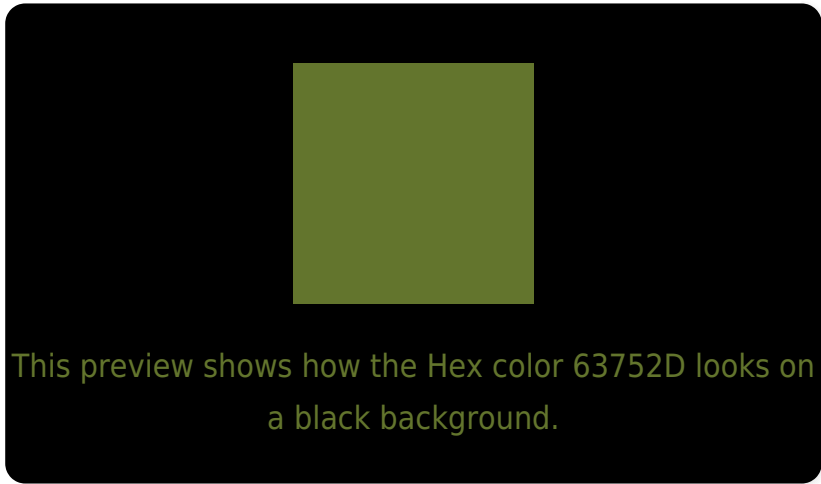
Large Text (above 18pt) WCAG AA ✓ Pass

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

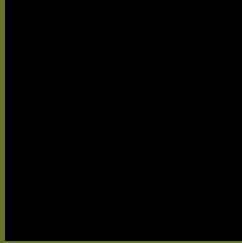
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 63752D Background



This preview shows how black text looks on a background with the Hex color 63752D.



This preview shows how white text looks on a background with the Hex color 63752D.

# 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**  
63752D

**Protanopia**  
7A6E2B

**Deuteranopia**  
886831



**Tritanopia**  
6B6E76

# Trichromacy



**Original Color**  
63752D

**Protanomaly**  
72712C

**Deuteranomaly**  
7B6D30

**Tritanomaly**  
68715B

# Monochromacy



**Original Color**  
63752D

**Achromatopsia**  
676767

**Achromatomaly**  
666C52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63752D 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 #63752D looks like.

```
.text, #text, p{  
    color:#63752D  
}
```

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 #63752D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63752D
}
```

## Border

The CSS property to change the border of an element to Hex 63752D 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
#63752D }
```

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

```
.border{ border-color:#63752D }
```

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

Here you see how a box with a 4 pixel #63752D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63752D; -webkit-box-shadow:4px 4px  
4px 4px #63752D; box-shadow:4px 4px 4px  
4px #63752D }
```

# Background

The CSS property to change the background color of an element to Hex 63752D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63752D }
```

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

```
.background{ background-color:#63752D }
```

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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