

# Converting Colors

Hex(725E57)

Have a look what the booklet for  
Hex(725E57) contains.

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# Color

**Hex(725E57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	725E57
RGB	114, 94, 87
RGB Percent	45%, 37%, 34%
CMY	0.5529, 0.6314, 0.6588
CMYK	0.00, 0.18, 0.24, 0.55
HSL	16°, 13%, 39%
HSV	16°, 24%, 45%
XYZ	12.6624, 12.2709, 10.7180
YIQ	99.1820, 14.1670, 2.0630

# Conversions

## Conversions Part 2

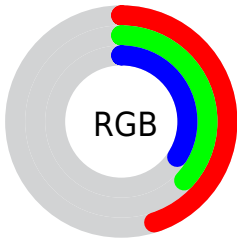
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 96, 87</a>
Decimal	<a href="#">7495255</a>
CIELab	<a href="#">41.64, 6.90, 7.04</a>
CIELCh	<a href="#">42, 9.859, 45.566</a>
Yxy	<a href="#">12.2709, 0.3552, 0.3442</a>
Android (android.graphics.Color)	<a href="#">4285685335</a> ( <a href="#">0xFF725E57</a> )
YUV	<a href="#">99.1820, -6.0057, 12.9954</a>
Hunter-Lab	<a href="#">35.0299, 3.2210, 6.3802</a>

# Details

The Hex color **725E57** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **576B72**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A69089**, and **41302A** is the 20% darker color. If you saturate the color by 10%, you get **72564C**, and if you desaturate by 10%, it is **726662**.

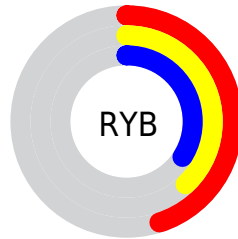
# Distribution



Red (45%)

Green (37%)

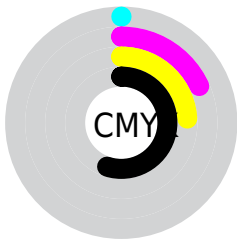
Blue (34%)



Red (45%)

Yellow (38%)

Blue (34%)

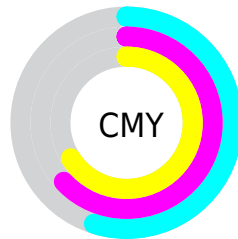


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (55%)



Cyan (55%)

Magenta (63%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 725E57 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 725E57 by changing the saturation by 10% instead.



 725E57

 725E57

FFFFFF

 594640

 A69089

 41302A

 C2ABA3

 2B1B15

 DEC6BE

 160000

 FAE2DA

 000000

 FFFFF6

 725E57

 725E57

 72564C

 726662

 724D40

 726F6E

 724535

 727779

 723C29

 728085

 72341E

 728890

 722B13

 72919B

 722307

 7299A7

 721E00

 72A2B2

 72AABE

# Harmonies

## Analogous

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



735D5E



725E57



6D6053

# Triad

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



725E57



53675E



5F6172

# Complementary

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



725E57



576B72

# 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.



556472



725E57



4E6766

# Square

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



725E57



5B6557



4E666D



695F6E

# Rectangle

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



725E57



676252



4E666D



5B6272



# Sweetspot

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



725E57



948C8A



72576B



4A4644



C9C9C9



4A4A4A



# Same Dimension

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



725E57



94756A



726B57



383432



781F00



F74000



# Inverse Universe

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



576B72



6A8994



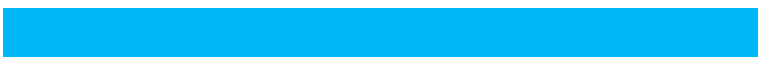
575E72



323738



005978



00B7F7



# Previews

## White Background



This preview shows how the Hex color 725E57 looks on a white background.

## Color Contrast Check

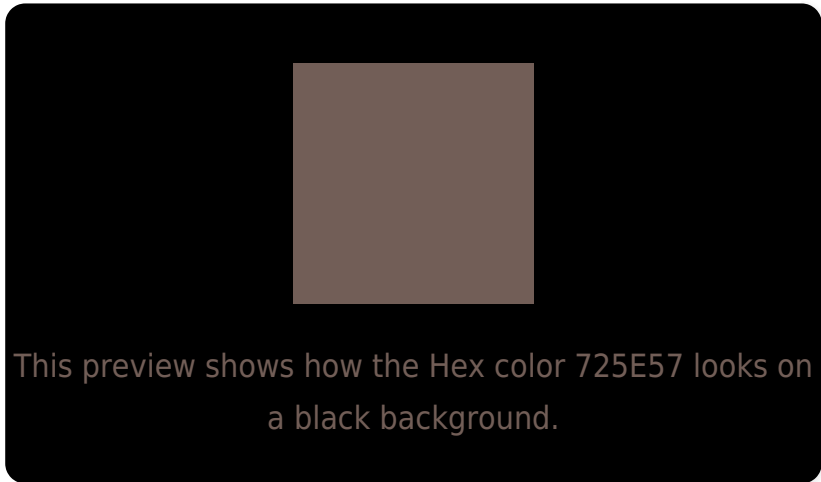
Large Text (above 18pt) WCAG AA ✓ Pass

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

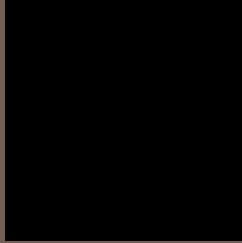
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 725E57 Background



This preview shows how black text looks on a background with the Hex color 725E57.



This preview shows how white text looks on a background with the Hex color 725E57.

# 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**  
725E57

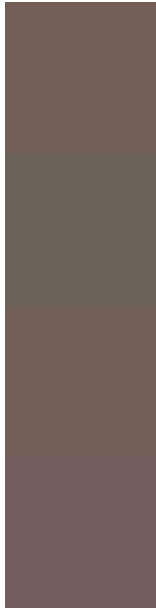
**Protanopia**  
666259

**Deuteranopia**  
705F57



**Tritanopia**  
735C63

# Trichromacy



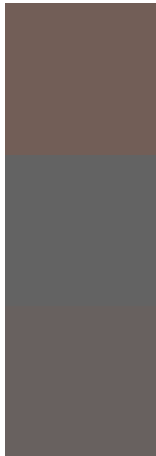
**Original Color**  
725E57

**Protanomaly**  
6A6158

**Deuteranomaly**  
715F57

**Tritanomaly**  
735D5F

# Monochromacy



**Original Color**  
725E57

**Achromatopsia**  
636363

**Achromatomaly**  
68615F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 725E57 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 #725E57 looks like.

```
.text, #text, p{  
    color:#725E57  
}
```

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 #725E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #725E57
}
```

## Border

The CSS property to change the border of an element to Hex 725E57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

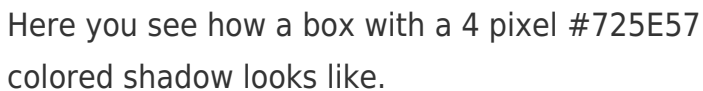
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#725E57 }
```

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

```
.border{ border-color:#725E57 }
```

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



Here you see how a box with a 4 pixel #725E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #725E57; -webkit-box-shadow:4px 4px  
4px 4px #725E57; box-shadow:4px 4px 4px  
4px #725E57 }
```

# Background

The CSS property to change the background color of an element to Hex 725E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#725E57 }
```

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

```
.background{ background-color:#725E57 }
```

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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