

# Converting Colors

Hex(75635A)

Have a look what the booklet for  
Hex(75635A) contains.

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# Color

**Hex(75635A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75635A
RGB	117, 99, 90
RGB Percent	46%, 39%, 35%
CMY	0.5412, 0.6118, 0.6471
CMYK	0.00, 0.15, 0.23, 0.54
HSL	20°, 13%, 41%
HSV	20°, 23%, 46%
XYZ	13.6434, 13.4438, 11.5487
YIQ	103.3560, 13.6170, 1.0170

# Conversions

## Conversions Part 2

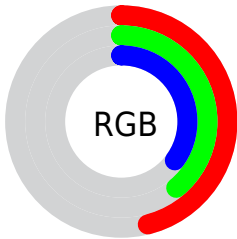
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 104, 90
Decimal	7693146
CIE Lab	43.42, 5.66, 7.78
CIE LCh	43, 9.623, 53.991
Yxy	13.4438, 0.3531, 0.3480
Android (android.graphics.Color)	4285883226 (0xFF75635A)
YUV	103.3560, -6.5845, 11.9658
Hunter-Lab	36.6658, 2.2552, 6.9913

# Details

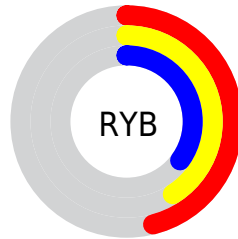
The Hex color **75635A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A6C75**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A9968C**, and **44352C** is the 20% darker color. If you saturate the color by 10%, you get **755B4E**, and if you desaturate by 10%, it is **756B66**.

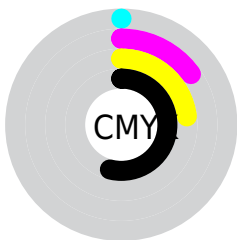
# Distribution



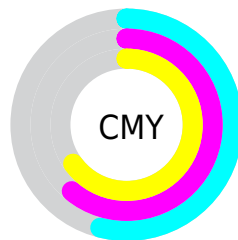
- Red (46%)
- Green (39%)
- Blue (35%)



- Red (46%)
- Yellow (41%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75635A 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 75635A by changing the saturation by 10% instead.



 75635A

 75635A

FFFFFF

 5C4B43

 A9968C

 44352C

 C5B0A6

 2E1F18

 E1CCC2

 1A0800

 FEE8DD

 000000

 FFFFFA

 75635A

 75635A

 755B4E

 756B66

 755343

 757371

 754C37

 757A7D

 75442B

 758289

 753C20

 758A95

 753414

 7592A0

 752C08

 759AAC

 752700

 75A1B8

 75A9C3

# Harmonies

## Analogous

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



786160



75635A



6F6557

# Triad

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



75635A



556B65



666575

# Complementary

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



75635A



5A6C75

# 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.



5C6876



75635A



526B6D

# Square

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



75635A



5D6A5D



546A73



706370

# Rectangle

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



75635A



696757



546A73



636676



# Sweetspot

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



75635A



99928E



755A6C



4D4846



CCCCCC



4D4D4D



# Same Dimension

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



75635A



997C6E



75715A



3B3735



7A2900



FA5300



# Inverse Universe

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



5A6C75



6E8B99



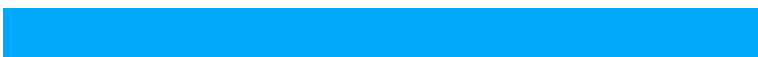
5A5F75



35393B



00527A



00A7FA



# Previews

## White Background



This preview shows how the Hex color 75635A looks on a white background.

## Color Contrast Check

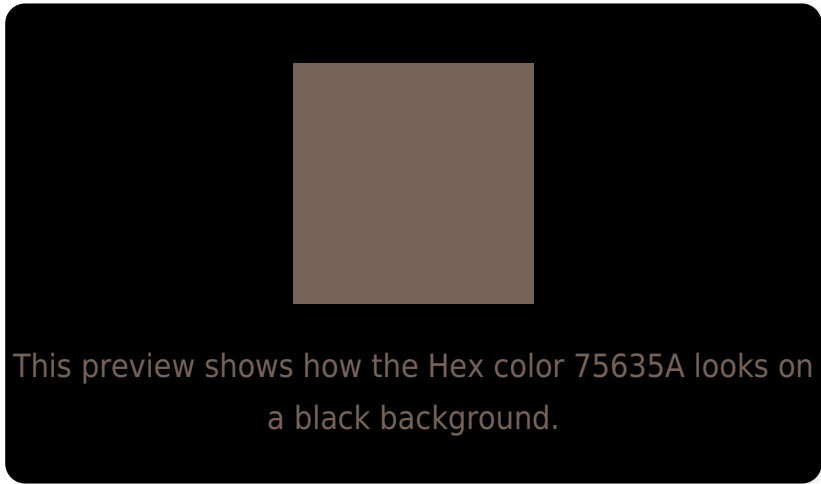
Large Text (above 18pt) WCAG AA ✓ Pass

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

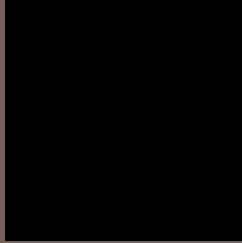
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75635A Background



This preview shows how black text looks on a background with the Hex color 75635A.



This preview shows how white text looks on a background with the Hex color 75635A.

# 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**  
75635A

**Protanopia**  
6B665C

**Deuteranopia**  
75635A



**Tritanopia**  
776168

# Trichromacy



**Original Color**

75635A

**Protanomaly**

6F655B

**Deuteranomaly**

75635A

**Tritanomaly**

766263

# Monochromacy



**Original Color**

75635A

**Achromatopsia**

676767

**Achromatomaly**

6C6662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75635A 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 #75635A looks like.

```
.text, #text, p{  
    color:#75635A  
}
```

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 #75635A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75635A
}
```

## Border

The CSS property to change the border of an element to Hex 75635A 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
#75635A }
```

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

```
.border{ border-color:#75635A }
```

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

Here you see how a box with a 4 pixel #75635A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75635A; -webkit-box-shadow:4px 4px  
4px 4px #75635A; box-shadow:4px 4px 4px  
4px #75635A }
```

# Background

The CSS property to change the background color of an element to Hex 75635A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75635A }
```

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

```
.background{ background-color:#75635A }
```

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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