

# Converting Colors

Hex(75583A)

Have a look what the booklet for  
Hex(75583A) contains.

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**Color**

**Hex(75583A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75583A
RGB	117, 88, 58
RGB Percent	46%, 35%, 23%
CMY	0.5412, 0.6549, 0.7725
CMYK	0.00, 0.25, 0.50, 0.54
HSL	31°, 34%, 34%
HSV	31°, 50%, 46%
XYZ	11.5896, 11.0668, 5.5283
YIQ	93.2510, 26.9140, -3.1820

# Conversions

## Conversions Part 2

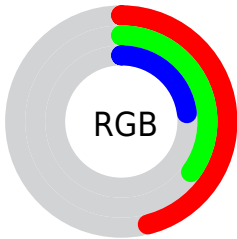
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 117, 58
Decimal	7690298
CIE <sub>Lab</sub>	39.69, 7.88, 21.96
CIE <sub>LCh</sub>	40, 23.336, 70.253
Yxy	11.0668, 0.4112, 0.3927
Android (android.graphics.Color)	4285880378 (0xFF75583A)
YUV	93.2510, -17.3787, 20.8279
Hunter-Lab	33.2669, 3.9691, 13.4340

# Details

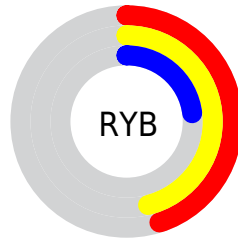
The Hex color **75583A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A5775**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AB8A6A**, and **422B0F** is the 20% darker color. If you saturate the color by 10%, you get **75522E**, and if you desaturate by 10%, it is **755E46**.

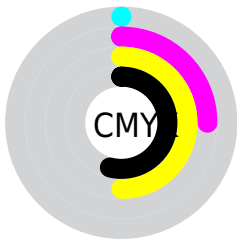
# Distribution



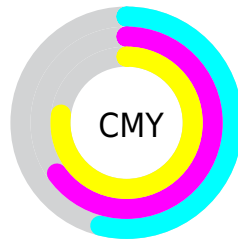
- Red (46%)
- Green (35%)
- Blue (23%)



- Red (45%)
- Yellow (46%)
- Blue (23%)



- Cyan (0%)
- Magenta (25%)
- Yellow (50%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75583A 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 75583A by changing the saturation by 10% instead.





75583A



75583A

FFFFFF



5B4124



AB8A6A



422B0F



C7A483



2B1600



E3BF9D



100000



FFDBB8



000000



FFF8D4



FFFFF0



75583A



75583A



75522E



755E46

■ 754C23

■ 756451

■ 754717

■ 75695D

■ 75410B

■ 756F69

■ 753B00

■ 757575

■ 757B80

■ 75808C

■ 758698

■ 758CA3

# Harmonies

## Analogous

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



805246



75583A



645E38

# Triad

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



75583A



1F6864



68567B

# Complementary

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



75583A



3A5775

# 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.



4D5D83



75583A



156775

# Square

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



75583A



386750



2E6381



7B516B

# Rectangle

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



75583A



56623C



2E6381



60597E



# Sweetspot

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



75583A



998E82



753A58



4D463F



CCCCCC



4D4D4D



# Same Dimension

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



75583A



996B3C



75753A



3B3835



7A3E00



FA7F00



# Inverse Universe

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



3A5775



3C6A99



3A3A75



35383B



003C7A

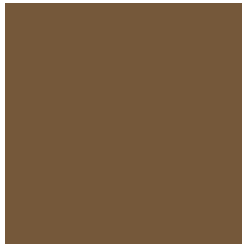


007BFA



# Previews

## White Background



This preview shows how the Hex color 75583A looks on a white background.

## Color Contrast Check

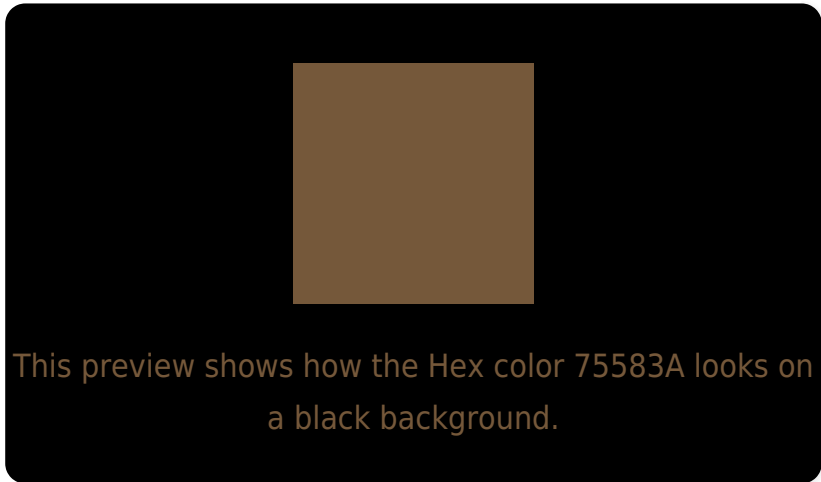
Large Text (above 18pt) WCAG AA ✓ Pass

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 75583A Background



This preview shows how black text looks on a background with the Hex color 75583A.



This preview shows how white text looks on a background with the Hex color 75583A.

# 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**  
75583A

**Protanopia**  
665E3C

**Deuteranopia**  
715A3A



**Tritanopia**  
78545A

# Trichromacy



**Original Color**  
75583A

**Protanomaly**  
6B5C3B

**Deuteranomaly**  
72593A

**Tritanomaly**  
77554E

# Monochromacy



**Original Color**  
75583A

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
665B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75583A 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 #75583A looks like.

```
.text, #text, p{  
    color:#75583A  
}
```

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 #75583A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75583A
}
```

## Border

The CSS property to change the border of an element to Hex 75583A 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
#75583A }
```

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

```
.border{ border-color:#75583A }
```

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

Here you see how a box with a 4 pixel #75583A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75583A; -webkit-box-shadow:4px 4px  
4px 4px #75583A; box-shadow:4px 4px 4px  
4px #75583A }
```

# Background

The CSS property to change the background color of an element to Hex 75583A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75583A }
```

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

```
.background{ background-color:#75583A }
```

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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