

# Converting Colors

Hex(66583C)

Have a look what the booklet for  
Hex(66583C) contains.

<b>Hex(66583C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(66583C)

# Conversions

## Conversions Part 1

Format	Color
Hex	66583C
RGB	102, 88, 60
RGB Percent	40%, 35%, 24%
CMY	0.6000, 0.6549, 0.7647
CMYK	0.00, 0.14, 0.41, 0.60
HSL	40°, 26%, 32%
HSV	40°, 41%, 40%
XYZ	9.7848, 10.1305, 5.7146
YIQ	88.9940, 17.3320, -5.7400

# Conversions

## Conversions Part 2

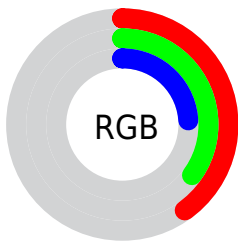
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 102, 60
Decimal	6707260
CIE Lab	38.08, 1.25, 18.35
CIE LCh	38, 18.395, 86.094
Yxy	10.1305, 0.3818, 0.3953
Android (android.graphics.Color)	4284897340 (0xFF66583C)
YUV	88.9940, -14.2940, 11.4063
Hunter-Lab	31.8284, -0.8245, 11.6347

# Details

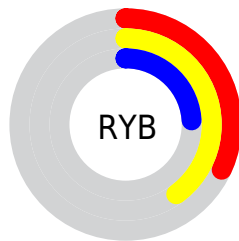
The Hex color **66583C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C4A66**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9A8A6C**, and **362B11** is the 20% darker color. If you saturate the color by 10%, you get **665532**, and if you desaturate by 10%, it is **665B46**.

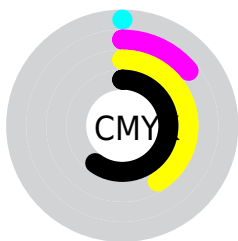
# Distribution



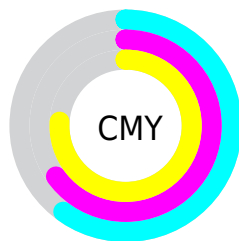
- Red (40%)
- Green (35%)
- Blue (24%)



- Red (32%)
- Yellow (40%)
- Blue (24%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (60%)



- Cyan (60%)
- Magenta (65%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66583C 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 66583C by changing the saturation by 10% instead.





66583C



66583C

FFFFFF



4D4126



9A8A6C



362B11



B5A485



201600



D1BF9F



000000



EDDBBA



FFF7D6



FFFFFF2



66583C



66583C



665532



665B46

■ 665128

■ 665F50

■ 664E1D

■ 66625B

■ 664A13

■ 666665

■ 664709

■ 66696F

■ 664400

■ 666C79

■ 667083

■ 66738E

■ 667798

# Harmonies

## Analogous

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



725341



66583C



575D3F

# Triad

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



66583C



2B6266



6B526A

# Complementary

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



66583C



3C4A66

# 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.



595674



66583C



316072

# Square

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



66583C



356257



445C77



754F5C

# Rectangle

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



66583C



4B5F45



445C77



66536E



# Sweetspot

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



66583C



857F75



663C4A



423F39



C2C2C2



424242



# Same Dimension

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



66583C



856F44



5F663C



33312E



734C00



F2A100



# Inverse Universe

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



3C4A66



445985



433C66



2E3033



002673



0051F2



# Previews

## White Background



This preview shows how the Hex color 66583C looks on a white background.

## Color Contrast Check

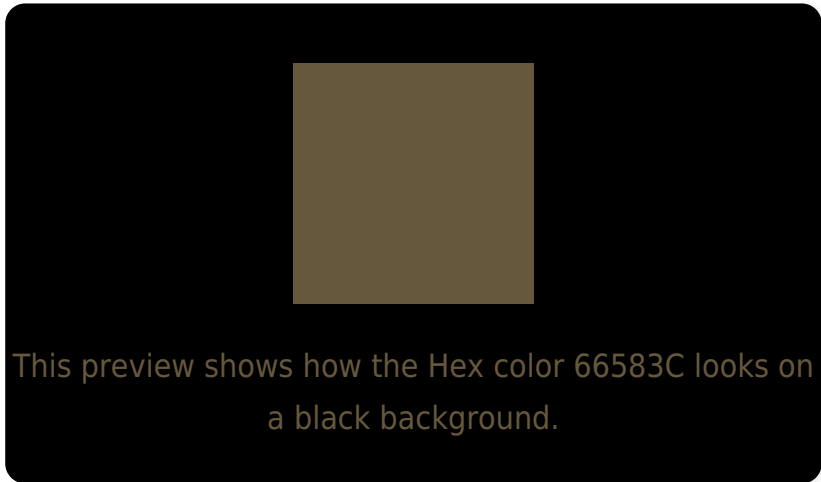
Large Text (above 18pt) WCAG AA ✓ Pass

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

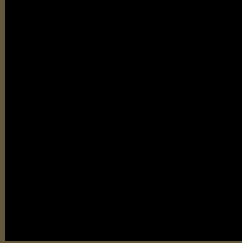
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66583C Background



This preview shows how black text looks on a background with the Hex color 66583C.



This preview shows how white text looks on a background with the Hex color 66583C.

# 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**  
66583C

**Protanopia**  
615A3D

**Deuteranopia**  
6B563C



**Tritanopia**  
69545B

# Trichromacy



**Original Color**  
66583C

**Protanomaly**  
63593D

**Deuteranomaly**  
69573C

**Tritanomaly**  
685550

# Monochromacy



**Original Color**  
66583C

**Achromatopsia**  
595959

**Achromatomaly**  
5E594E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66583C 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 #66583C looks like.

```
.text, #text, p{  
    color:#66583C  
}
```

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 #66583C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66583C
}
```

## Border

The CSS property to change the border of an element to Hex 66583C is called "border". The border property can be set on classes, ids or directly on the HTML element.

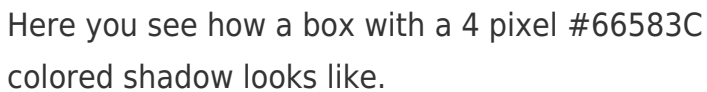
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66583C }
```

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

```
.border{ border-color:#66583C }
```

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



Here you see how a box with a 4 pixel #66583C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66583C; -webkit-box-shadow:4px 4px  
4px 4px #66583C; box-shadow:4px 4px 4px  
4px #66583C }
```

# Background

The CSS property to change the background color of an element to Hex 66583C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66583C }
```

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

```
.background{ background-color:#66583C }
```

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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