

Converting Colors

Hex(68533C)

Have a look what the booklet for
Hex(68533C) contains.

Hex(68533C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(68533C)

Conversions

Conversions Part 1

Format	Color
Hex	68533C
RGB	104, 83, 60
RGB Percent	41%, 33%, 24%
CMY	0.5922, 0.6745, 0.7647
CMYK	0.00, 0.20, 0.42, 0.59
HSL	31°, 27%, 32%
HSV	31°, 42%, 41%
XYZ	9.6178, 9.4558, 5.5932
YIQ	86.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

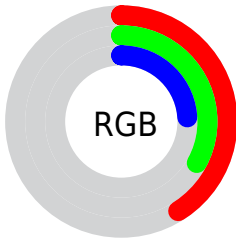
Format	Color
R_{YB}	100, 104, 60
Decimal	6837052
CIE _{Lab}	36.85, 5.21, 16.77
CIE _{LCh}	37, 17.559, 72.755
Yxy	9.4558, 0.3899, 0.3833
Android (android.graphics.Color)	4285027132 (0xFF68533C)
YUV	86.6570, -13.1419, 15.2098
Hunter-Lab	30.7503, 2.0165, 10.7409

Details

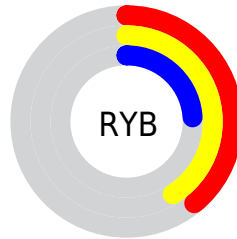
The Hex color **68533C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C5168**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9C846C**, and **372611** is the 20% darker color. If you saturate the color by 10%, you get **684E32**, and if you desaturate by 10%, it is **685846**.

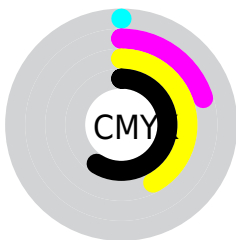
Distribution



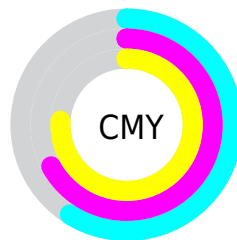
- Red (41%)
- Green (33%)
- Blue (24%)



- Red (39%)
- Yellow (41%)
- Blue (24%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (59%)



- Cyan (59%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68533C 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 68533C by changing the saturation by 10% instead.



68533C



68533C

FFFFFF



4F3C26



9C846C



372611



B79E85



221200



D3B99F



000000



F0D5BA



FFF1D6



FFFFF2



68533C



68533C



684E32



685846

■ 684927

■ 685D51

■ 68441D

■ 68625B

■ 683F12

■ 686766

■ 683A08

■ 686C70

■ 683600

■ 68717A

■ 687685

■ 687B8F

■ 68809A

Harmonies

Analogous

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



714F44



68533C



5B583B

Triad

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



68533C



2E5F5C



60516B

Complementary

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



68533C



3C5168

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.



4D5672



68533C



2C5D69

Square

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



68533C



3B5E4E



395A71



6D4D5F

Rectangle

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



68533C



505A3F



395A71



5A536E

Sweetspot

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



68533C



877F76



683C51



45403A



C4C4C4



454545

Same Dimension

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



68533C



876642



67683C



33312E



733C00



F27F00

Inverse Universe

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



3C5168



426387



3D3C68



2E3033



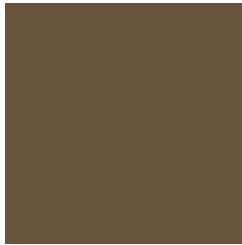
003773



0074F2

Previews

White Background



This preview shows how the Hex color 68533C looks on a white background.

Color Contrast Check

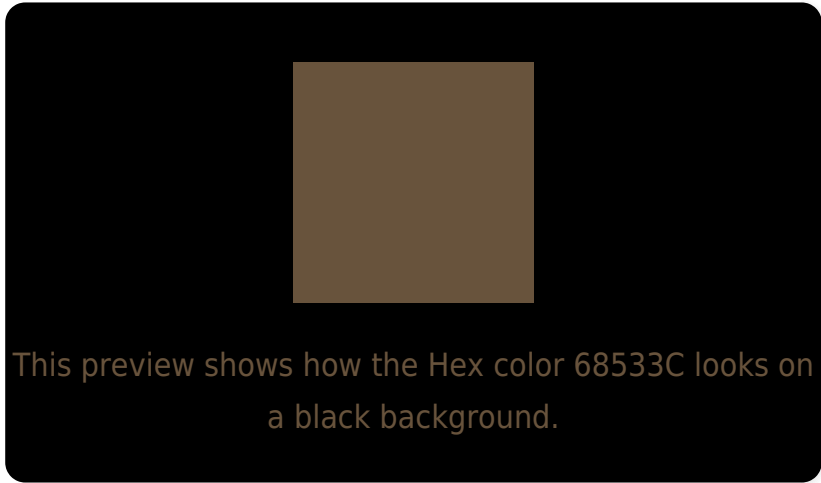
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 68533C Background



This preview shows how black text looks on a background with the Hex color 68533C.

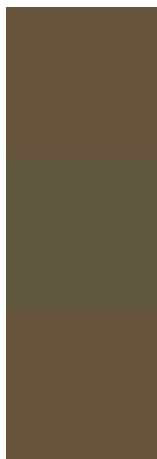


This preview shows how white text looks on a background with the Hex color 68533C.

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
68533C

Protanopia
5E573E

Deuteranopia
68533C



Tritanopia
6B5056

Trichromacy



Original Color
68533C

Protanomaly
62563D

Deuteranomaly
68533C

Tritanomaly
6A514D

Monochromacy



Original Color
68533C

Achromatopsia
575757

Achromatomaly
5D564D

CSS Examples

Text

The CSS property to change the color of the text to Hex 68533C 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 #68533C looks like.

```
.text, #text, p{  
    color:#68533C  
}
```

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 #68533C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68533C
}
```

Border

The CSS property to change the border of an element to Hex 68533C is called "border". The border property can be set on classes, ids or directly on the HTML element.

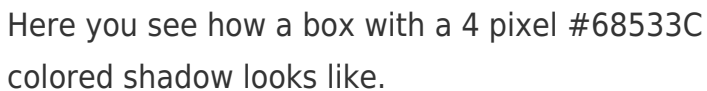
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68533C }
```

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

```
.border{ border-color:#68533C }
```

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



Here you see how a box with a 4 pixel #68533C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68533C; -webkit-box-shadow:4px 4px  
4px 4px #68533C; box-shadow:4px 4px 4px  
4px #68533C }
```

Background

The CSS property to change the background color of an element to Hex 68533C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68533C }
```

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

```
.background{ background-color:#68533C }
```

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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