

Converting Colors

Hex(66533B)

Have a look what the booklet for
Hex(66533B) contains.

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Color

Hex(66533B)

Conversions

Conversions Part 1

Format	Color
Hex	66533B
RGB	102, 83, 59
RGB Percent	40%, 33%, 23%
CMY	0.6000, 0.6745, 0.7686
CMYK	0.00, 0.19, 0.42, 0.60
HSL	33°, 27%, 32%
HSV	33°, 42%, 40%
XYZ	9.3622, 9.3271, 5.4445
YIQ	85.9450, 19.0280, -3.4360

Conversions

Conversions Part 2

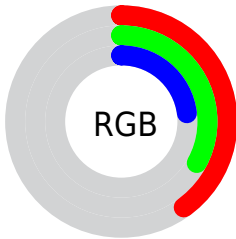
Format	Color
RYB	93, 102, 59
Decimal	6705979
CIELab	36.61, 4.16, 17.02
CIElCh	37, 17.520, 76.260
Yxy	9.3271, 0.3879, 0.3865
Android (android.graphics.Color)	4284896059 (0xFF66533B)
YUV	85.9450, -13.2839, 14.0802
Hunter-Lab	30.5402, 1.2741, 10.8083

Details

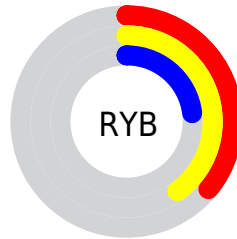
The Hex color **66533B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B4E66**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9A846A**, and **362610** is the 20% darker color. If you saturate the color by 10%, you get **664E31**, and if you desaturate by 10%, it is **665845**.

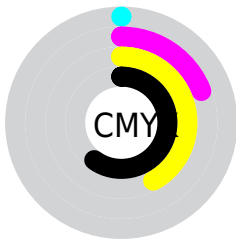
Distribution



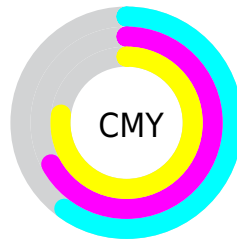
- Red (40%)
- Green (33%)
- Blue (23%)



- Red (36%)
- Yellow (40%)
- Blue (23%)



- Cyan (0%)
- Magenta (19%)
- Yellow (42%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66533B 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 66533B by changing the saturation by 10% instead.



66533B



66533B

FFFFFF



4D3C25



9A846A



362610



B59E84



201200



D1B99E



000000



EED5B9



FFF1D5



FFFFF1



66533B



66533B



664E31



665845

■ 664A27

■ 665C4F

■ 66451C

■ 66615A

■ 664112

■ 666564

■ 663C08

■ 666A6E

■ 663900

■ 666E78

■ 667382

■ 66778D

■ 667C97

Harmonies

Analogous

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



6F4F42



66533B



58583B

Triad

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



66533B



2C5E5D



62506A

Complementary

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



66533B



3B4E66

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.



4F5571



66533B



2C5D6A

Square

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



66533B



385D4F



3B5971



6E4C5D

Rectangle

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



66533B



4E5A3F



3B5971



5C516D

Sweetspot

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



66533B



857D73



663B4E



423E38



C2C2C2



424242

Same Dimension

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



66533B



856741



64663B



33312E



734000



F28700

Inverse Universe

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



3B4E66



415F85



3D3B66



2E3033



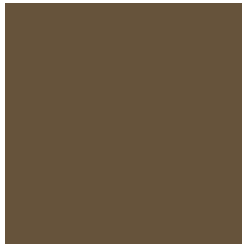
003373



006BF2

Previews

White Background



This preview shows how the Hex color 66533B looks on a white background.

Color Contrast Check

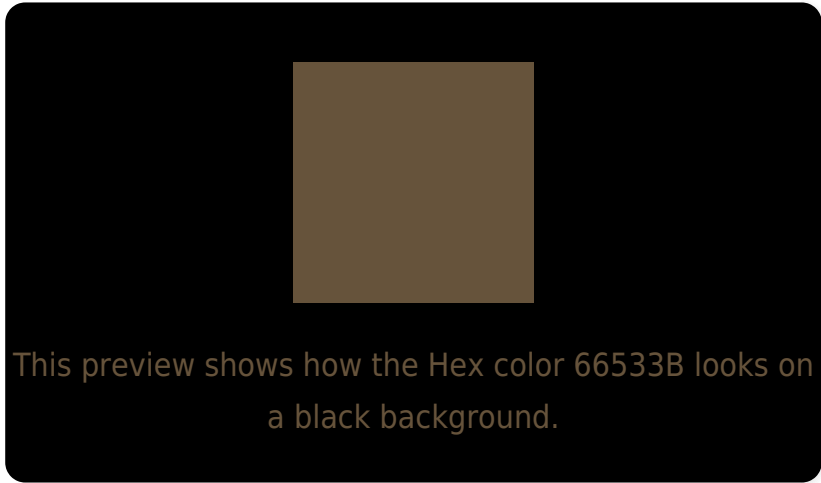
Large Text (above 18pt) WCAG AA ✓ Pass

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

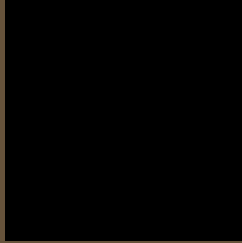
Any Text WCAG AA × Fail

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 66533B Background



This preview shows how black text looks on a background with the Hex color 66533B.



This preview shows how white text looks on a background with the Hex color 66533B.

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
66533B

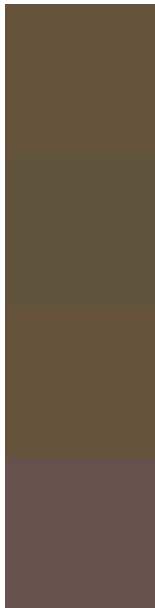
Protanopia
5D563C

Deuteranopia
67533B



Tritanopia
695056

Trichromacy



Original Color
66533B

Protanomaly
60553C

Deuteranomaly
67533B

Tritanomaly
68514C

Monochromacy



Original Color
66533B

Achromatopsia
565656

Achromatomaly
5C554C

CSS Examples

Text

The CSS property to change the color of the text to Hex 66533B 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 #66533B looks like.

```
.text, #text, p{  
    color:#66533B  
}
```

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 #66533B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66533B
}
```

Border

The CSS property to change the border of an element to Hex 66533B 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".

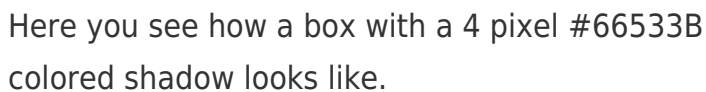
```
.border, #border, table{ border:4px solid
#66533B }
```

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

```
.border{ border-color:#66533B }
```

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

Here you see how a box with a 4 pixel #66533B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66533B; -webkit-box-shadow:4px 4px  
4px 4px #66533B; box-shadow:4px 4px 4px  
4px #66533B }
```

Background

The CSS property to change the background color of an element to Hex 66533B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66533B }
```

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

```
.background{ background-color:#66533B }
```

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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