

# Converting Colors

Hex(66523A)

Have a look what the booklet for  
Hex(66523A) contains.

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**Color**

**Hex(66523A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66523A
RGB	102, 82, 58
RGB Percent	40%, 32%, 23%
CMY	0.6000, 0.6784, 0.7725
CMYK	0.00, 0.20, 0.43, 0.60
HSL	33°, 28%, 31%
HSV	33°, 43%, 40%
XYZ	9.2605, 9.1649, 5.2839
YIQ	85.2440, 19.6240, -3.2240

# Conversions

## Conversions Part 2

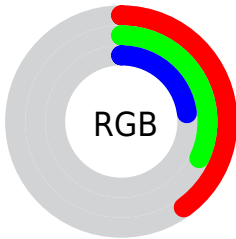
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 102, 58
Decimal	6705722
CIELab	36.30, 4.64, 17.22
CIELCh	36, 17.837, 74.907
Yxy	9.1649, 0.3906, 0.3866
Android (android.graphics.Color)	4284895802 (0xFF66523A)
YUV	85.2440, -13.4313, 14.6950
Hunter-Lab	30.2735, 1.6235, 10.8431

# Details

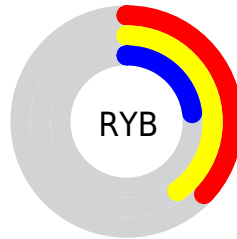
The Hex color **66523A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A4E66**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9A8369**, and **36250F** is the 20% darker color. If you saturate the color by 10%, you get **664D30**, and if you desaturate by 10%, it is **665744**.

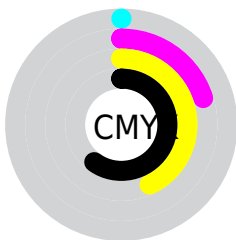
# Distribution



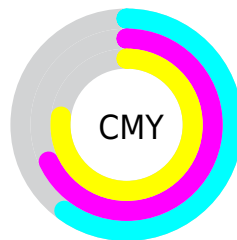
- Red (40%)
- Green (32%)
- Blue (23%)



- Red (37%)
- Yellow (40%)
- Blue (23%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (60%)



- Cyan (60%)
- Magenta (68%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66523A 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 66523A by changing the saturation by 10% instead.



 66523A

 66523A

FFFFFF

 4D3B24

 9A8369

 36250F

 B59D83

 201100

 D1B89D

 000000

 EED4B8

 FFF0D3

 FFFFF0

 66523A

 66523A

 664D30

 665744

■ 664926

■ 665B4E

■ 66441B

■ 666059

■ 663F11

■ 666563

■ 663B07

■ 66696D

■ 663800

■ 666E77

■ 667281

■ 66778C

■ 667C96

# Harmonies

## Analogous

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



6F4D42



66523A



58573A

# Triad

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



66523A



2B5D5C



604F6A

# Complementary

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



66523A



3A4E66

# 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.



4D5471



66523A



2A5C69

# Square

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



66523A



385D4D



395971



6D4C5D

# Rectangle

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



66523A



4E593E



395971



5A516D



# Sweetspot

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



66523A



857D73



663A4F



423D38



C2C2C2



424242



# Same Dimension

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



66523A



856540



65663A



33312E



733F00



F28400



# Inverse Universe

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



3A4E66



405F85



3B3A66



2E3033



003473

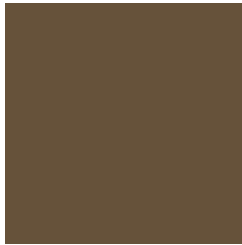


006EF2



# Previews

## White Background



This preview shows how the Hex color 66523A looks on a white background.

## Color Contrast Check

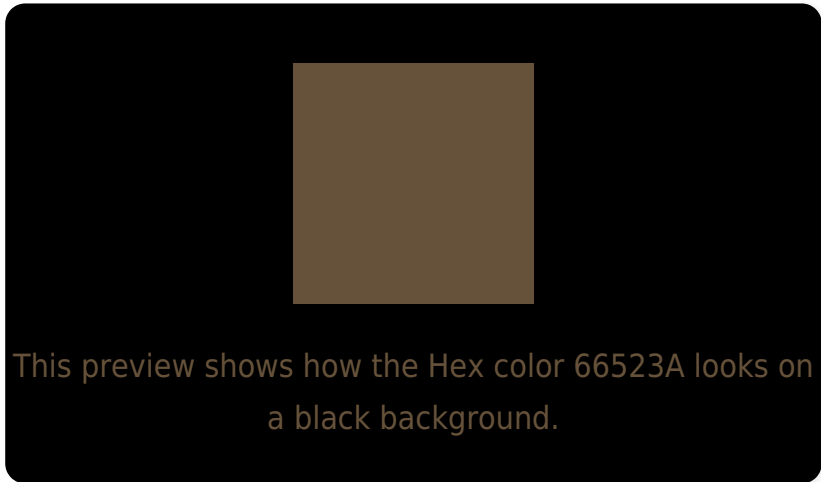
Large Text (above 18pt) WCAG AA ✓ Pass

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

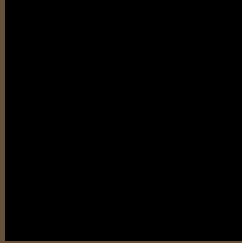
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66523A Background



This preview shows how black text looks on a background with the Hex color 66523A.



This preview shows how white text looks on a background with the Hex color 66523A.

# 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**  
66523A

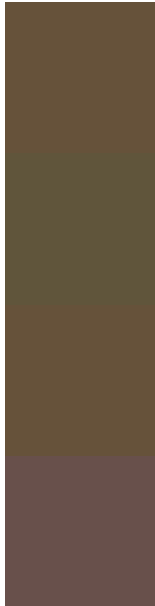
**Protanopia**  
5C563B

**Deuteranopia**  
66523A



**Tritanopia**  
694F55

# Trichromacy



**Original Color**  
66523A

**Protanomaly**  
60553B

**Deuteranomaly**  
66523A

**Tritanomaly**  
68504B

# Monochromacy



**Original Color**  
66523A

**Achromatopsia**  
555555

**Achromatomaly**  
5B544B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66523A 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 #66523A looks like.

```
.text, #text, p{  
    color:#66523A  
}
```

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 #66523A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66523A
}
```

## Border

The CSS property to change the border of an element to Hex 66523A is called "border". The border property can be set on classes, ids or directly on the HTML element.

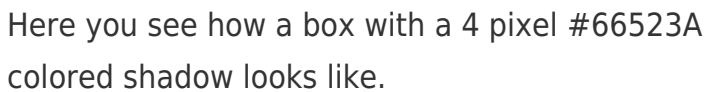
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66523A }
```

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

```
.border{ border-color:#66523A }
```

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



Here you see how a box with a 4 pixel #66523A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66523A; -webkit-box-shadow:4px 4px  
4px 4px #66523A; box-shadow:4px 4px 4px  
4px #66523A }
```

# Background

The CSS property to change the background color of an element to Hex 66523A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66523A }
```

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

```
.background{ background-color:#66523A }
```

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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