

# Converting Colors

Hex(65433C)

Have a look what the booklet for  
Hex(65433C) contains.

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**Color**

**Hex(65433C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65433C
RGB	101, 67, 60
RGB Percent	40%, 26%, 24%
CMY	0.6039, 0.7373, 0.7647
CMYK	0.00, 0.34, 0.41, 0.60
HSL	10°, 25%, 32%
HSV	10°, 41%, 40%
XYZ	8.1896, 7.1073, 5.2152
YIQ	76.3680, 22.5110, 5.0310

# Conversions

## Conversions Part 2

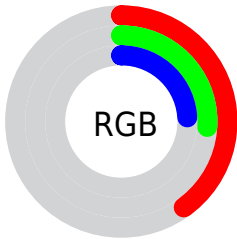
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 68, 60
Decimal	6636348
CIELab	32.05, 13.73, 10.21
CIElCh	32, 17.110, 36.643
Yxy	7.1073, 0.3993, 0.3465
Android (android.graphics.Color)	4284826428 (0xFF65433C)
YUV	76.3680, -8.0694, 21.6023
Hunter-Lab	26.6594, 8.1799, 7.0632

# Details

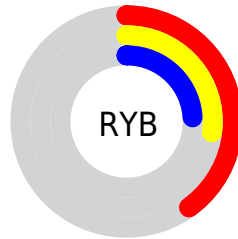
The Hex color **65433C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C5E65**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **99736B**, and **341812** is the 20% darker color. If you saturate the color by 10%, you get **653B32**, and if you desaturate by 10%, it is **654B46**.

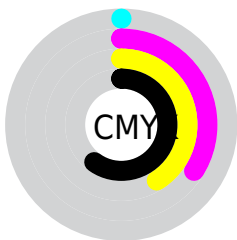
# Distribution



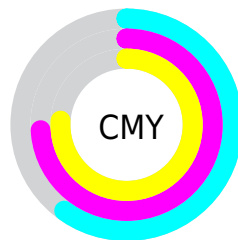
- Red (40%)
- Green (26%)
- Blue (24%)



- Red (40%)
- Yellow (27%)
- Blue (24%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (60%)



- Cyan (60%)
- Magenta (74%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65433C 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 65433C by changing the saturation by 10% instead.





65433C



65433C

FFFFFF



4C2D26



99736B



341812



B48D85



200000



D0A79F



000000



EDC3BA



FFDFD5



FFFBF2



65433C



65433C



653B32



654B46

■ 653228

■ 655450

■ 652A1E

■ 655C5A

■ 652114

■ 656564

■ 65190A

■ 656D6F

■ 651100

■ 657579

■ 657E83

■ 65868D

■ 658E97

# Harmonies

## Analogous

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



664149



65433C



5E4733

# Triad

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



65433C



335240



3E4C66

# Complementary

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



65433C



3C5E65

# 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.



2B5064



65433C



25534E

# Square

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



65433C



434F35



20525B



514761

# Rectangle

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



65433C



564A31



20525B



374D66



# Sweetspot

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



65433C



827572



653C5E



423B39



C2C2C2



424242



# Same Dimension

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



65433C



824D42



65573C



332F2E



731400



F22900



# Inverse Universe

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



3C5E65



427782



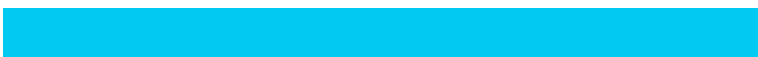
3C4A65



2E3233



005F73



00C9F2



# Previews

## White Background



This preview shows how the Hex color 65433C looks on a white background.

## Color Contrast Check

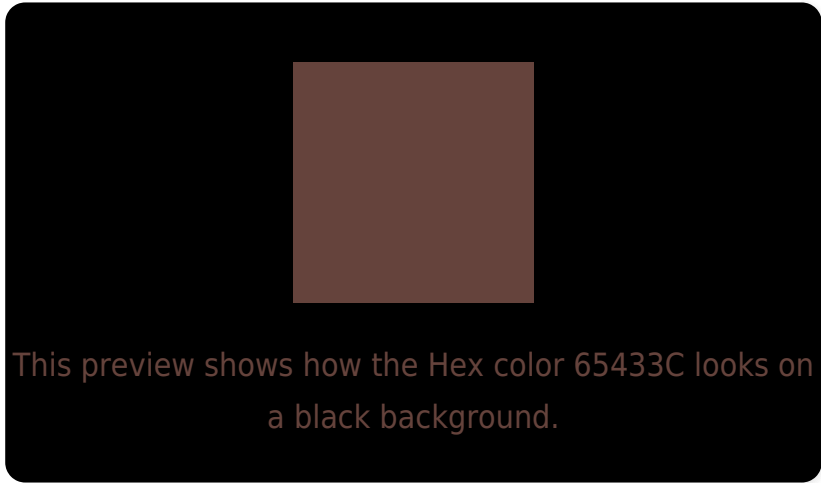
Large Text (above 18pt) WCAG AA ✓ Pass

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

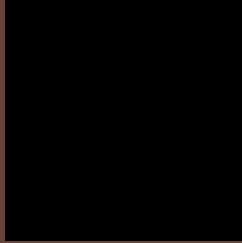
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65433C Background



This preview shows how black text looks on a background with the Hex color 65433C.

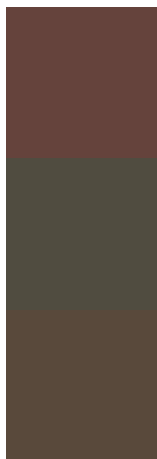


This preview shows how white text looks on a background with the Hex color 65433C.

# 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**  
65433C

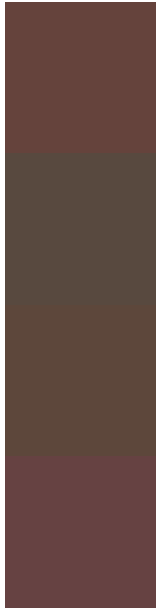
**Protanopia**  
504C40

**Deuteranopia**  
59493B



**Tritanopia**  
664146

# Trichromacy



**Original Color**  
65433C

**Protanomaly**  
58493F

**Deuteranomaly**  
5D473B

**Tritanomaly**  
664242

# Monochromacy



**Original Color**  
65433C

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
554946

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65433C 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 #65433C looks like.

```
.text, #text, p{  
    color:#65433C  
}
```

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 #65433C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65433C
}
```

## Border

The CSS property to change the border of an element to Hex 65433C is called "border". The border property can be set on classes, ids or directly on the HTML element.

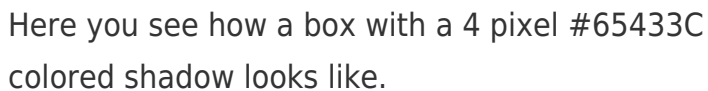
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65433C }
```

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

```
.border{ border-color:#65433C }
```

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



Here you see how a box with a 4 pixel #65433C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65433C; -webkit-box-shadow:4px 4px  
4px 4px #65433C; box-shadow:4px 4px 4px  
4px #65433C }
```

# Background

The CSS property to change the background color of an element to Hex 65433C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65433C }
```

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

```
.background{ background-color:#65433C }
```

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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