

# Converting Colors

Hex(66463E)

Have a look what the booklet for  
Hex(66463E) contains.

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# Color

**Hex(66463E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66463E
RGB	102, 70, 62
RGB Percent	40%, 27%, 24%
CMY	0.6000, 0.7255, 0.7569
CMYK	0.00, 0.31, 0.39, 0.60
HSL	12°, 24%, 32%
HSV	12°, 39%, 40%
XYZ	8.5391, 7.5529, 5.5652
YIQ	78.6560, 21.6400, 4.2960

# Conversions

## Conversions Part 2

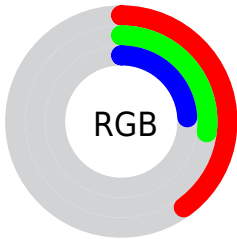
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 72, 62
Decimal	6702654
CIELab	33.03, 12.59, 10.32
CIELCh	33, 16.275, 39.346
Yxy	7.5529, 0.3943, 0.3487
Android (android.graphics.Color)	4284892734 (0xFF66463E)
YUV	78.6560, -8.2114, 20.4727
Hunter-Lab	27.4825, 7.3676, 7.2315

# Details

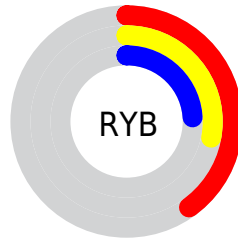
The Hex color **66463E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E5E66**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9A776E**, and **351A14** is the 20% darker color. If you saturate the color by 10%, you get **663E34**, and if you desaturate by 10%, it is **664E48**.

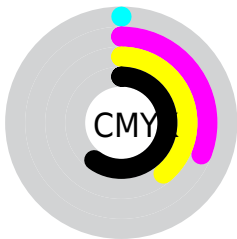
# Distribution



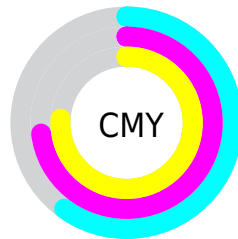
- Red (40%)
- Green (27%)
- Blue (24%)



- Red (40%)
- Yellow (28%)
- Blue (24%)



- Cyan (0%)
- Magenta (31%)
- Yellow (39%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66463E 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 66463E by changing the saturation by 10% instead.





66463E



66463E

FFFFFFF



4D2F28



9A776E



351A14



B59087



210100



D1ABA1



000000



EEC6BC



FFE2D8



FFFFFF4



66463E



66463E



663E34



664E48

■ 66362A

■ 665652

■ 662E1F

■ 665E5D

■ 662515

■ 666767

■ 661D0B

■ 666F71

■ 661501

■ 66777B

■ 661400

■ 667F85

■ 668790

■ 668F9A

# Harmonies

## Analogous

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



67444A



66463E



5F4A36

# Triad

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



66463E



365444



434E67

# Complementary

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



66463E



3E5E66

# 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.



315165



66463E



295551

# Square

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



66463E



45523A



26545E



554962

# Rectangle

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



66463E



574D34



26545E



3D4F67



# Sweetspot

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



66463E



857875



663E5E



423B39



C2C2C2



424242



# Same Dimension

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



66463E



855346



665A3E



332F2E



731700



F23000



# Inverse Universe

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



3E5E66



467885



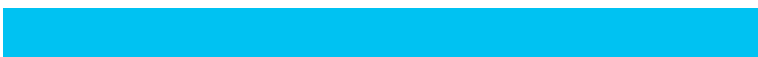
3E4A66



2E3233



005C73



00C2F2



# Previews

## White Background



This preview shows how the Hex color 66463E looks on a white background.

## Color Contrast Check

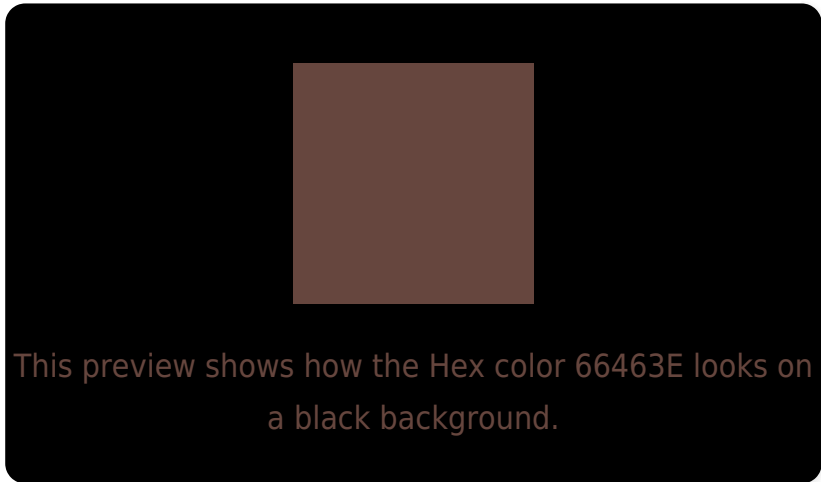
Large Text (above 18pt) WCAG AA ✓ Pass

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 66463E Background



This preview shows how black text looks on a background with the Hex color 66463E.

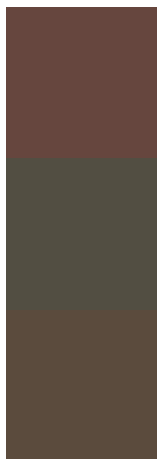


This preview shows how white text looks on a background with the Hex color 66463E.

# 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**  
66463E

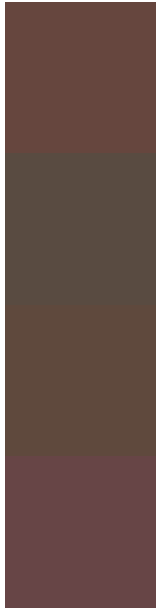
**Protanopia**  
524E42

**Deuteranopia**  
5B4B3D



**Tritanopia**  
67444A

# Trichromacy



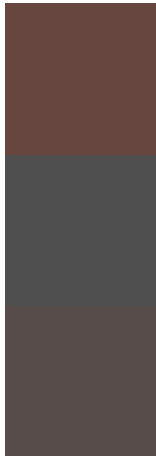
**Original Color**  
66463E

**Protanomaly**  
594B41

**Deuteranomaly**  
5F493D

**Tritanomaly**  
674546

# Monochromacy



**Original Color**  
66463E

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
574C49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66463E 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 #66463E looks like.

```
.text, #text, p{  
    color:#66463E  
}
```

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 #66463E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66463E
}
```

## Border

The CSS property to change the border of an element to Hex 66463E is called "border". The border property can be set on classes, ids or directly on the HTML element.

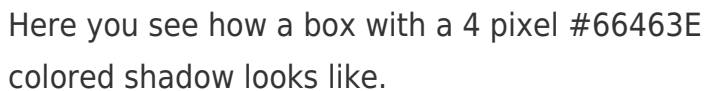
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66463E }
```

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

```
.border{ border-color:#66463E }
```

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



Here you see how a box with a 4 pixel #66463E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66463E; -webkit-box-shadow:4px 4px  
4px 4px #66463E; box-shadow:4px 4px 4px  
4px #66463E }
```

# Background

The CSS property to change the background color of an element to Hex 66463E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66463E }
```

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

```
.background{ background-color:#66463E }
```

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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