

Converting Colors

Hex(6D3E3C)

Have a look what the booklet for
Hex(6D3E3C) contains.

Hex(6D3E3C)	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(6D3E3C)

Conversions

Conversions Part 1

Format	Color
Hex	6D3E3C
RGB	109, 62, 60
RGB Percent	43%, 24%, 24%
CMY	0.5725, 0.7569, 0.7647
CMYK	0.00, 0.43, 0.45, 0.57
HSL	2°, 29%, 33%
HSV	2°, 45%, 43%
XYZ	8.8449, 7.0227, 5.1643
YIQ	75.8250, 28.6540, 9.3420

Conversions

Conversions Part 2

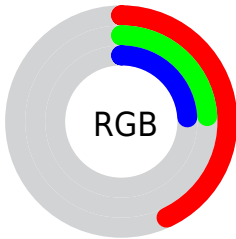
Format	Color
RYB	109, 62, 60
Decimal	7159356
CIELab	31.86, 20.29, 10.12
CIELCh	32, 22.676, 26.502
Yxy	7.0227, 0.4205, 0.3339
Android (android.graphics.Color)	4285349436 (0xFF6D3E3C)
YUV	75.8250, -7.8017, 29.0945
Hunter-Lab	26.5004, 13.2014, 6.9960

Details

The Hex color **6D3E3C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C6B6D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A26E6B**, and **3B1212** is the 20% darker color. If you saturate the color by 10%, you get **6D3431**, and if you desaturate by 10%, it is **6D4847**.

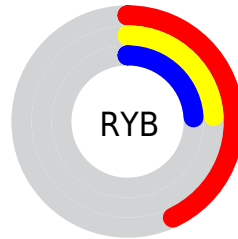
Distribution



Red (43%)

Green (24%)

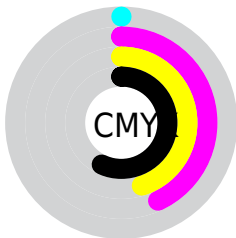
Blue (24%)



Red (43%)

Yellow (24%)

Blue (24%)

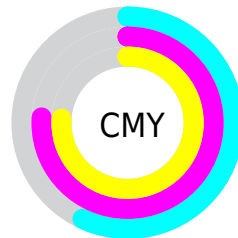


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (57%)



Cyan (57%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3E3C 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 6D3E3C by changing the saturation by 10% instead.

 6D3E3C

 6D3E3C

FFFFFF

 532726

 A26E6B

 3B1212

 BE8884

 260000

 DBA29F

 000000

 F8BEB9

 FFD9D5

 FFF6F2

 6D3E3C

 6D3E3C

 6D3431

 6D4847

 6D2926

 6D5352

 6D1F1B

 6D5D5D

 6D1410

 6D6868

 6D0A06

 6D7273

 6D0400

 6D7D7D

 6D8788

 6D9293

 6D9C9E

Harmonies

Analogous

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



6B3D4E



6D3E3C



66432E

Triad

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



6D3E3C



315237



2C4D6E

Complementary

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



6D3E3C



3C6B6D

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.



025268



6D3E3C



175448

Square

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



6D3E3C



464F2A



00545A



4A476B

Rectangle

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



6D3E3C



5D4728



00545A



204F6D

Sweetspot

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



6D3E3C



8F7D7C



6D3C6B



473C3C



C7C7C7



474747

Same Dimension

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



6D3E3C



8F4542



6D563C



363030



750500



F50A00

Inverse Universe

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



3C6B6D



428C8F



3C536D



303536



007175



00EBF5

Previews

White Background



This preview shows how the Hex color 6D3E3C looks on a white background.

Color Contrast Check

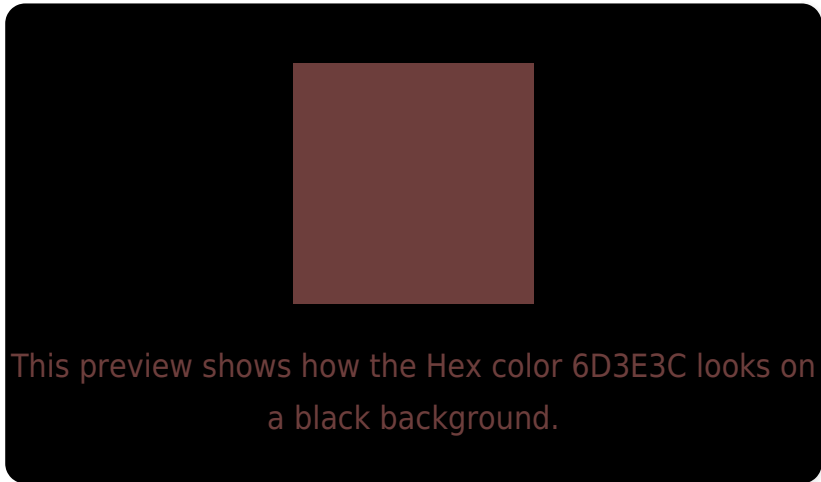
Large Text (above 18pt) WCAG AA ✓ Pass

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

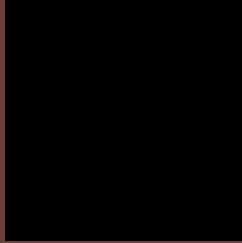
Any Text WCAG AA × Fail

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 6D3E3C Background



This preview shows how black text looks on a background with the Hex color 6D3E3C.

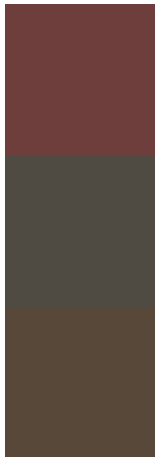


This preview shows how white text looks on a background with the Hex color 6D3E3C.

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
6D3E3C

Protanopia
4F4B42

Deuteranopia
58483A



Tritanopia
6D3D42

Trichromacy



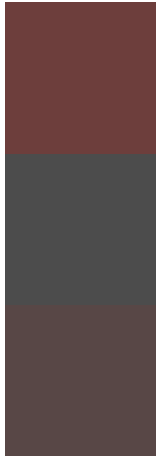
Original Color
6D3E3C

Protanomaly
5A4640

Deuteranomaly
60443B

Tritanomaly
6D3D40

Monochromacy



Original Color
6D3E3C

Achromatopsia
4C4C4C

Achromatomaly
584746

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3E3C 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 #6D3E3C looks like.

```
.text, #text, p{  
    color:#6D3E3C  
}
```

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 #6D3E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3E3C
}
```

Border

The CSS property to change the border of an element to Hex 6D3E3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

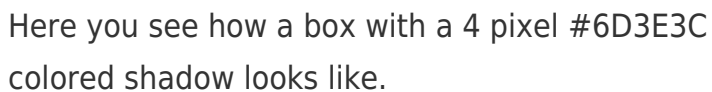
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3E3C }
```

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

```
.border{ border-color:#6D3E3C }
```

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



Here you see how a box with a 4 pixel #6D3E3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3E3C; -webkit-box-shadow:4px 4px  
4px 4px #6D3E3C; box-shadow:4px 4px 4px  
4px #6D3E3C }
```

Background

The CSS property to change the background color of an element to Hex 6D3E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3E3C }
```

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

```
.background{ background-color:#6D3E3C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor