

# Converting Colors

Hex(6D3D38)

Have a look what the booklet for  
Hex(6D3D38) contains.

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**Color**

**Hex(6D3D38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D3D38
RGB	109, 61, 56
RGB Percent	43%, 24%, 22%
CMY	0.5725, 0.7608, 0.7804
CMYK	0.00, 0.44, 0.49, 0.57
HSL	6°, 32%, 32%
HSV	6°, 49%, 43%
XYZ	8.6892, 6.8742, 4.6103
YIQ	74.7820, 30.2130, 8.6210

# Conversions

## Conversions Part 2

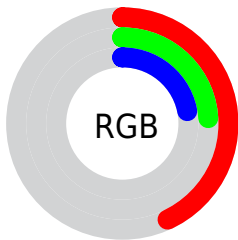
Format	Color
<a href="#">RYB</a>	<a href="#">109, 62, 56</a>
Decimal	<a href="#">7159096</a>
CIELab	<a href="#">31.52, 20.42, 12.22</a>
CIElCh	<a href="#">32, 23.798, 30.899</a>
Yxy	<a href="#">6.8742, 0.4307, 0.3408</a>
Android (android.graphics.Color)	<a href="#">4285349176</a> ( <a href="#">0xFF6D3D38</a> )
YUV	<a href="#">74.7820, -9.2595, 30.0092</a>
Hunter-Lab	<a href="#">26.2187, 13.2744, 7.9276</a>

# Details

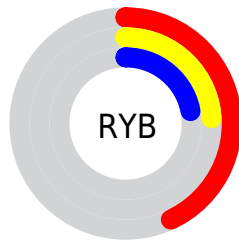
The Hex color **6D3D38** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38686D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A36D67**, and **3B110D** is the 20% darker color. If you saturate the color by 10%, you get **6D332D**, and if you desaturate by 10%, it is **6D4743**.

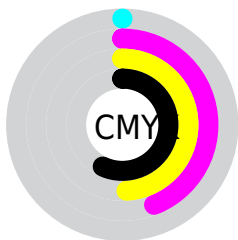
# Distribution



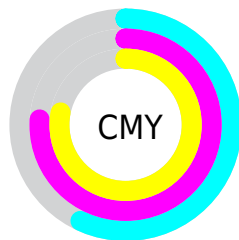
- Red (43%)
- Green (24%)
- Blue (22%)



- Red (43%)
- Yellow (24%)
- Blue (22%)



- Cyan (0%)
- Magenta (44%)
- Yellow (49%)
- Black (57%)



- Cyan (57%)
- Magenta (76%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D3D38 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 6D3D38 by changing the saturation by 10% instead.





6D3D38



6D3D38

FFFFFF



532623



A36D67



3B110D



BF8780



250000



DBA19A



000000



F8BCB5



FFD8D0



FFF5EC



6D3D38



6D3D38



6D332D



6D4743

■ 6D2922

■ 6D514E

■ 6D1F17

■ 6D5B59

■ 6D160C

■ 6D6464

■ 6D0C02

■ 6D6E6F

■ 6D0A00

■ 6D7879

■ 6D8284

■ 6D8C8F

■ 6D969A

# Harmonies

## Analogous

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



6D3B4A



6D3D38



64432A

# Triad

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



6D3D38



2B5237



2E4C6F

# Complementary

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



6D3D38



38686D

# 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.



00516A



6D3D38



09544A

# Square

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



6D3D38



424F29



00535D



4D456A

# Rectangle

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



6D3D38



5B4725



00535D



214E6F



# Sweetspot

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



6D3D38



8F7B79



6D3869



473C3B



C7C7C7



474747



# Same Dimension

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



6D3D38



8F443C



6D5738



363130



750B00



F51700



# Inverse Universe

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



38686D



3C878F



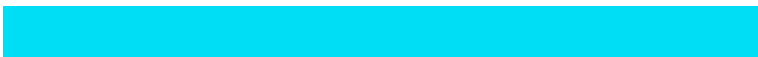
384E6D



303536



006A75



00DEF5



# Previews

## White Background



This preview shows how the Hex color 6D3D38 looks on a white background.

## Color Contrast Check

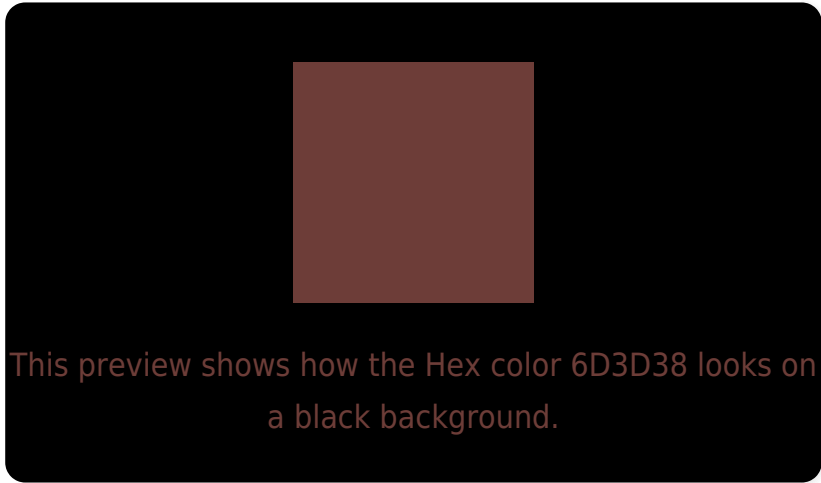
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D3D38 Background



This preview shows how black text looks on a background with the Hex color 6D3D38.

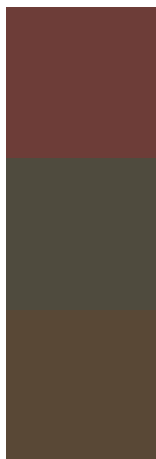


This preview shows how white text looks on a background with the Hex color 6D3D38.

# 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**  
6D3D38

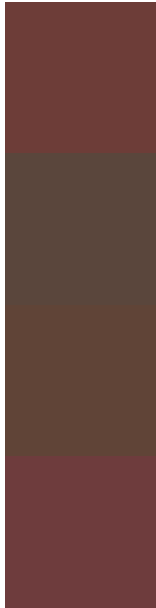
**Protanopia**  
4F4B3E

**Deuteranopia**  
594836



**Tritanopia**  
6E3C40

# Trichromacy



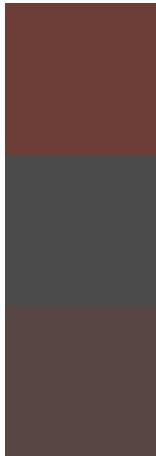
**Original Color**  
6D3D38

**Protanomaly**  
5A463C

**Deuteranomaly**  
604437

**Tritanomaly**  
6E3C3D

# Monochromacy



**Original Color**  
6D3D38

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
574644

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D3D38 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 #6D3D38 looks like.

```
.text, #text, p{  
    color:#6D3D38  
}
```

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 #6D3D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3D38
}
```

## Border

The CSS property to change the border of an element to Hex 6D3D38 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".

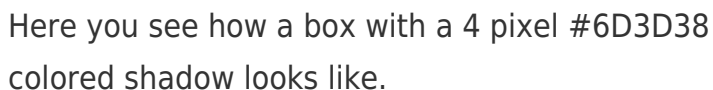
```
.border, #border, table{ border:4px solid
#6D3D38 }
```

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

```
.border{ border-color:#6D3D38 }
```

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

Here you see how a box with a 4 pixel #6D3D38 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3D38; -webkit-box-shadow:4px 4px  
4px 4px #6D3D38; box-shadow:4px 4px 4px  
4px #6D3D38 }
```

# Background

The CSS property to change the background color of an element to Hex 6D3D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3D38 }
```

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

```
.background{ background-color:#6D3D38 }
```

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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