

# Converting Colors

Hex(6C3F36)

Have a look what the booklet for  
Hex(6C3F36) contains.

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# Color

**Hex(6C3F36)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C3F36
RGB	108, 63, 54
RGB Percent	42%, 25%, 21%
CMY	0.5765, 0.7529, 0.7882
CMYK	0.00, 0.42, 0.50, 0.58
HSL	10°, 33%, 32%
HSV	10°, 50%, 42%
XYZ	8.6277, 7.0095, 4.3883
YIQ	75.4290, 29.7090, 6.7410

# Conversions

## Conversions Part 2

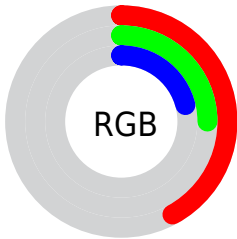
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 65, 54</a>
Decimal	<a href="#">7094070</a>
CIELab	<a href="#">31.83, 18.55, 13.89</a>
CIELCh	<a href="#">32, 23.177, 36.825</a>
Yxy	<a href="#">7.0095, 0.4308, 0.3500</a>
Android (android.graphics.Color)	<a href="#">4285284150 (0xFF6C3F36)</a>
YUV	<a href="#">75.4290, -10.5645, 28.5648</a>
Hunter-Lab	<a href="#">26.4755, 11.8367, 8.7056</a>

# Details

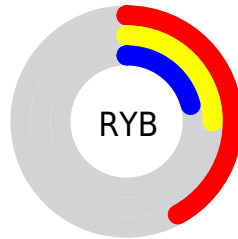
The Hex color **6C3F36** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36636C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A26F65**, and **3A130A** is the 20% darker color. If you saturate the color by 10%, you get **6C362B**, and if you desaturate by 10%, it is **6C4841**.

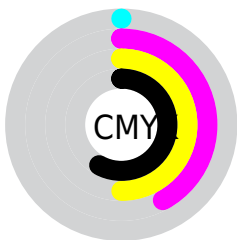
# Distribution



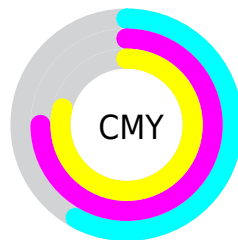
- Red (42%)
- Green (25%)
- Blue (21%)



- Red (42%)
- Yellow (25%)
- Blue (21%)



- Cyan (0%)
- Magenta (42%)
- Yellow (50%)
- Black (58%)



- Cyan (58%)
- Magenta (75%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C3F36 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 6C3F36 by changing the saturation by 10% instead.



 6C3F36

 6C3F36

FFFFFF

 522821

 A26F65

 3A130A

 BD897E

 240000

 DAA398

 000000

 F7BEB2

 FFDACE

 FFF7EA

 6C3F36

 6C3F36

 6C362B

 6C4841

 6C2D20

 6C514C

 6C2416

 6C5A56

 6C1B0B

 6C6361

 6C1200

 6C6C6C

 6C7577

 6C7E82

 6C878C

 6C9097

# Harmonies

## Analogous

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



6E3C47



6C3F36



62452A

# Triad

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



6C3F36



28533C



364B6F

# Complementary

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



6C3F36



36636C

# 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.



0F516C



6C3F36



05544F

# Square

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



6C3F36



3F502D



005460



524568

# Rectangle

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



6C3F36



584926



005460



2B4D6F



# Sweetspot

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



6C3F36



8C7B77



6C3663



473D3B



C7C7C7



474747



# Same Dimension

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



6C3F36



8C4638



6C5A36



363130



751400



F52900



# Inverse Universe

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



36636C



387E8C



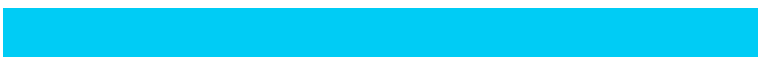
36486C



303536



006275



00CCF5



# Previews

## White Background



This preview shows how the Hex color 6C3F36 looks on a white background.

## Color Contrast Check

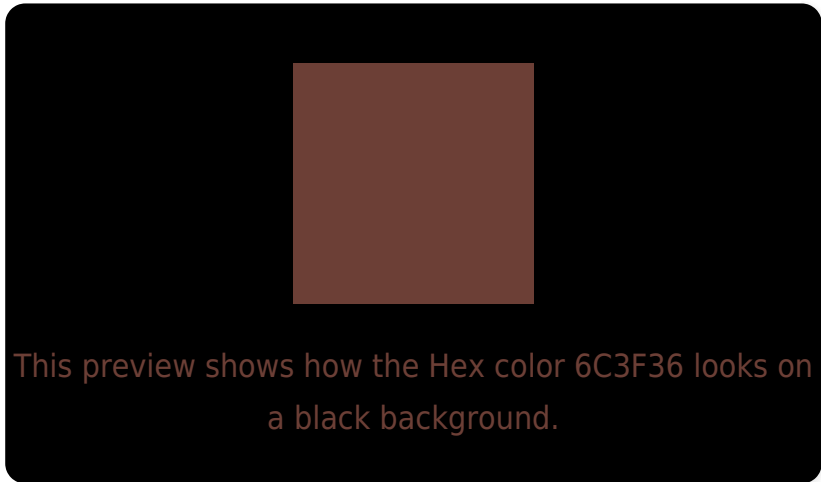
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C3F36 Background



This preview shows how black text looks on a background with the Hex color 6C3F36.



This preview shows how white text looks on a background with the Hex color 6C3F36.

# 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**  
6C3F36

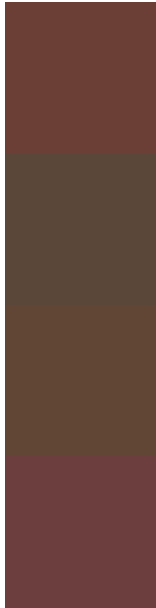
**Protanopia**  
504B3B

**Deuteranopia**  
5A4834



**Tritanopia**  
6D3D42

# Trichromacy



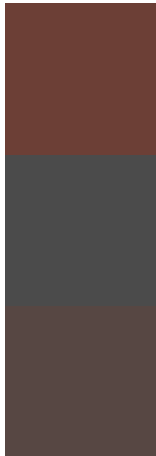
**Original Color**  
6C3F36

**Protanomaly**  
5A4739

**Deuteranomaly**  
614535

**Tritanomaly**  
6D3E3E

# Monochromacy



**Original Color**  
6C3F36

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
574743

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C3F36 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 #6C3F36 looks like.

```
.text, #text, p{  
    color:#6C3F36  
}
```

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 #6C3F36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3F36
}
```

## Border

The CSS property to change the border of an element to Hex 6C3F36 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".

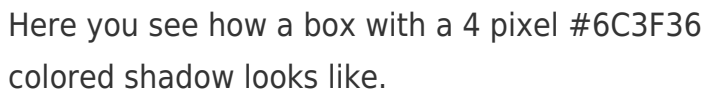
```
.border, #border, table{ border:4px solid
#6C3F36 }
```

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

```
.border{ border-color:#6C3F36 }
```

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

Here you see how a box with a 4 pixel #6C3F36 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3F36; -webkit-box-shadow:4px 4px  
4px 4px #6C3F36; box-shadow:4px 4px 4px  
4px #6C3F36 }
```

# Background

The CSS property to change the background color of an element to Hex 6C3F36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3F36 }
```

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

```
.background{ background-color:#6C3F36 }
```

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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