

# Converting Colors

Hex(6A3C38)

Have a look what the booklet for  
Hex(6A3C38) contains.

<b>Hex(6A3C38)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6A3C38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3C38
RGB	106, 60, 56
RGB Percent	42%, 24%, 22%
CMY	0.5843, 0.7647, 0.7804
CMYK	0.00, 0.43, 0.47, 0.58
HSL	5°, 31%, 32%
HSV	5°, 47%, 42%
XYZ	8.2735, 6.5814, 4.5757
YIQ	73.2980, 28.7000, 8.5080

# Conversions

## Conversions Part 2

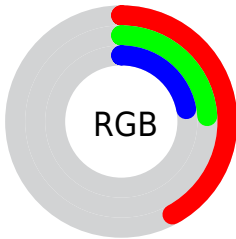
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 60, 56
Decimal	6962232
CIE Lab	30.83, 19.72, 11.22
CIE LCh	31, 22.686, 29.628
Yxy	6.5814, 0.4258, 0.3387
Android (android.graphics.Color)	4285152312 (0xFF6A3C38)
YUV	73.2980, -8.5279, 28.6797
Hunter-Lab	25.6543, 12.6715, 7.3831

# Details

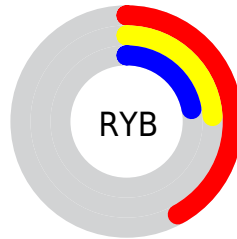
The Hex color **6A3C38** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38666A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9F6C67**, and **38100D** is the 20% darker color. If you saturate the color by 10%, you get **6A322D**, and if you desaturate by 10%, it is **6A4643**.

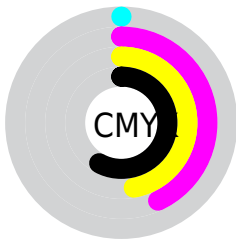
# Distribution



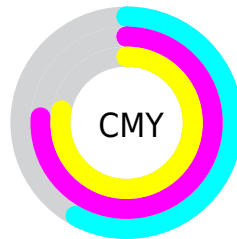
- Red (42%)
- Green (24%)
- Blue (22%)



- Red (42%)
- Yellow (24%)
- Blue (22%)



- Cyan (0%)
- Magenta (43%)
- Yellow (47%)
- Black (58%)



- Cyan (58%)
- Magenta (76%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3C38 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 6A3C38 by changing the saturation by 10% instead.



 6A3C38

 6A3C38

FFFFFF

 502623

 9F6C67

 38100D

 BB8680

 230000

 D7A09A

 000000

 F4BBB5

 FFD7D0

 FFF3EC

 6A3C38

 6A3C38

 6A322D

 6A4643

 6A2823

 6A504D

 6A1F18

 6A5958

 6A150E

 6A6362

 6A0B03

 6A6D6D

 6A0800

 6A7778

 6A8082

 6A8A8D

 6A9497

# Harmonies

## Analogous

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



693B49



6A3C38



62412A

# Triad

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



6A3C38



2C5036



2D4A6C

# Complementary

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



6A3C38



38666A

# 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.



014F67



6A3C38



105248

# Square

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



6A3C38



424D29



005159



4A4467

# Rectangle

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



6A3C38



594526



005159



214C6B



# Sweetspot

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



6A3C38



8A7876



6A3867



453A39



C4C4C4



454545



# Same Dimension

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



6A3C38



8A413B



6A5438



363130



750900



F51400



# Inverse Universe

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



38666A



3B838A



384E6A



303536



006C75



00E1F5



# Previews

## White Background



This preview shows how the Hex color 6A3C38 looks on a white background.

## Color Contrast Check

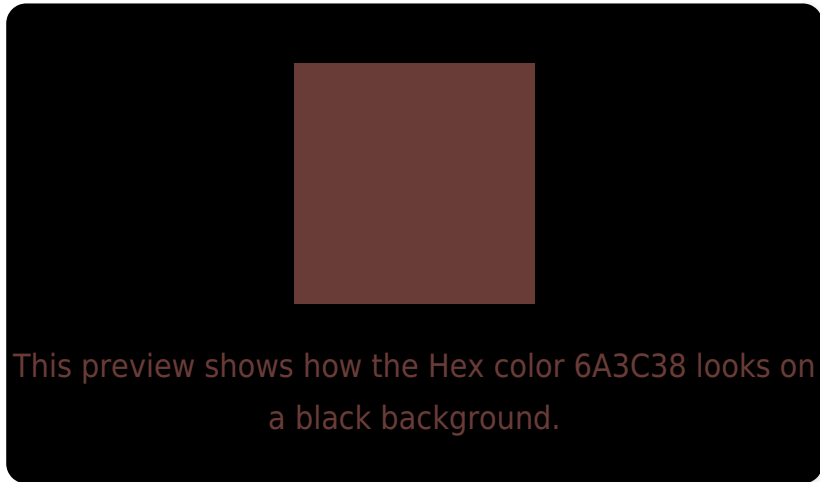
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A3C38 Background



This preview shows how black text looks on a background with the Hex color 6A3C38.

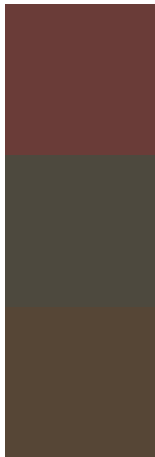


This preview shows how white text looks on a background with the Hex color 6A3C38.

# 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**  
6A3C38

**Protanopia**  
4D493E

**Deuteranopia**  
564636



**Tritanopia**  
6B3B3F

# Trichromacy



**Original Color**

6A3C38

**Protanomaly**

58443C

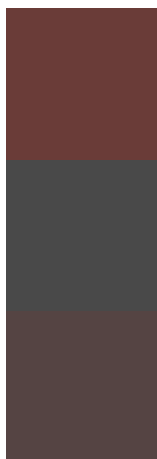
**Deuteranomaly**

5D4237

**Tritanomaly**

6B3B3C

# Monochromacy



**Original Color**

6A3C38

**Achromatopsia**

494949

**Achromatomaly**

554443

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3C38 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 #6A3C38 looks like.

```
.text, #text, p{  
    color:#6A3C38  
}
```

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 #6A3C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3C38  
}
```

## Border

The CSS property to change the border of an element to Hex 6A3C38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

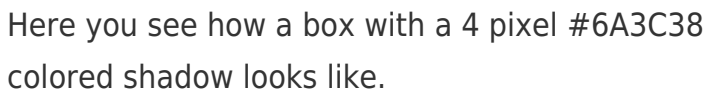
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A3C38 }
```

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

```
.border{ border-color:#6A3C38 }
```

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



Here you see how a box with a 4 pixel #6A3C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3C38; -webkit-box-shadow:4px 4px  
4px 4px #6A3C38; box-shadow:4px 4px 4px  
4px #6A3C38 }
```

# Background

The CSS property to change the background color of an element to Hex 6A3C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3C38 }
```

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

```
.background{ background-color:#6A3C38 }
```

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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