

# Converting Colors

Hex(6C3C17)

Have a look what the booklet for  
Hex(6C3C17) contains.

<b>Hex(6C3C17)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6C3C17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C3C17
RGB	108, 60, 23
RGB Percent	42%, 24%, 9%
CMY	0.5765, 0.7647, 0.9098
CMYK	0.00, 0.44, 0.79, 0.58
HSL	26°, 65%, 26%
HSV	26°, 79%, 42%
XYZ	7.9549, 6.4817, 1.6424
YIQ	70.1340, 40.4850, -1.3310

# Conversions

## Conversions Part 2

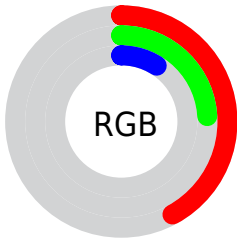
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 89, 23
Decimal	7093271
CIE <sub>Lab</sub>	30.60, 17.86, 30.92
CIE <sub>LCh</sub>	31, 35.711, 59.988
Yxy	6.4817, 0.4947, 0.4031
Android (android.graphics.Color)	4285283351 (0xFF6C3C17)
YUV	70.1340, -23.2371, 33.2085
Hunter-Lab	25.4592, 11.2195, 13.9965

# Details

The Hex color **6C3C17** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17476C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A36C44**, and **371100** is the 20% darker color. If you saturate the color by 10%, you get **6C360C**, and if you desaturate by 10%, it is **6C4222**.

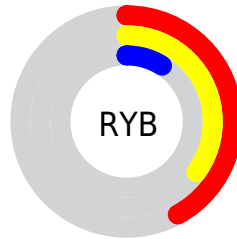
# Distribution



 Red (42%)

 Green (24%)

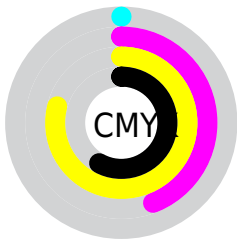
 Blue (9%)



 Red (42%)

 Yellow (35%)

 Blue (9%)

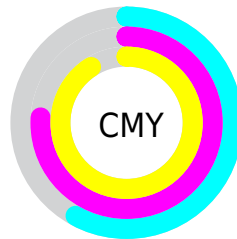


 Cyan (0%)

 Magenta (44%)

 Yellow (79%)

 Black (58%)



 Cyan (58%)

 Magenta (76%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C3C17 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 6C3C17 by changing the saturation by 10% instead.





6C3C17



6C3C17

FFFFFFE



522600



A36C44



371100



C0855C



210000



DD9F75



000000



FBBB8F



FFD6AA



FFF3C5



FFFFE1



6C3C17



6C3C17

■ 6C360C

■ 6C4222

■ 6C3001

■ 6C482D

■ 6C2F00

■ 6C4E37

■ 6C5442

■ 6C5A4D

■ 6C6158

■ 6C6763

■ 6C6D6D

■ 6C7378

# Harmonies

## Analogous

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



79312E



6C3C17



56470A

# Triad

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



6C3C17



005547



484178

# Complementary

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



6C3C17



17476C

# 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.



004B80



6C3C17



005563

# Square

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



6C3C17



0F532B



005278



6A3564

# Rectangle

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



6C3C17



454C0E



005278



37457D



# Sweetspot

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



6C3C17



8C796B



6C1747



473C33



C7C7C7



474747



# Same Dimension

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



6C3C17



8C4208



6C6617



363330



753300



F56B00



# Inverse Universe

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



17476C



08538C



171D6C



303336



004275



008AF5



# Previews

## White Background



This preview shows how the Hex color 6C3C17 looks on a white background.

## Color Contrast Check

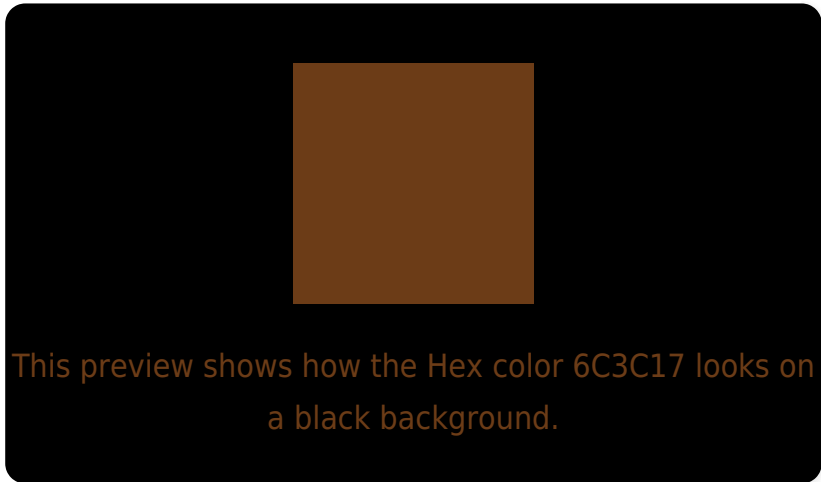
Large Text (above 18pt) WCAG AA ✓ Pass

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

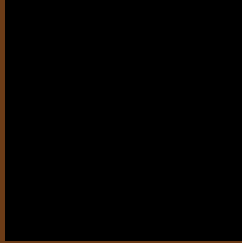
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C3C17 Background



This preview shows how black text looks on a background with the Hex color 6C3C17.



This preview shows how white text looks on a background with the Hex color 6C3C17.

# 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**  
6C3C17

**Protanopia**  
51491A

**Deuteranopia**  
5B4514



**Tritanopia**  
6E383C

# Trichromacy



**Original Color**  
6C3C17

**Protanomaly**  
5B4419

**Deuteranomaly**  
614215

**Tritanomaly**  
6D392F

# Monochromacy



**Original Color**  
6C3C17

**Achromatopsia**  
464646

**Achromatomaly**  
544235

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C3C17 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 #6C3C17 looks like.

```
.text, #text, p{  
    color:#6C3C17  
}
```

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 #6C3C17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3C17
}
```

## Border

The CSS property to change the border of an element to Hex 6C3C17 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
#6C3C17 }
```

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

```
.border{ border-color:#6C3C17 }
```

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

Here you see how a box with a 4 pixel #6C3C17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3C17; -webkit-box-shadow:4px 4px  
4px 4px #6C3C17; box-shadow:4px 4px 4px  
4px #6C3C17 }
```

# Background

The CSS property to change the background color of an element to Hex 6C3C17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3C17 }
```

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

```
.background{ background-color:#6C3C17 }
```

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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