

Converting Colors

Hex(6C3417)

Have a look what the booklet for
Hex(6C3417) contains.

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Color

Hex(6C3417)

Conversions

Conversions Part 1

Format	Color
Hex	6C3417
RGB	108, 52, 23
RGB Percent	42%, 20%, 9%
CMY	0.5765, 0.7961, 0.9098
CMYK	0.00, 0.52, 0.79, 0.58
HSL	20°, 65%, 26%
HSV	20°, 79%, 42%
XYZ	7.5670, 5.7060, 1.5132
YIQ	65.4380, 42.6850, 2.8530

Conversions

Conversions Part 2

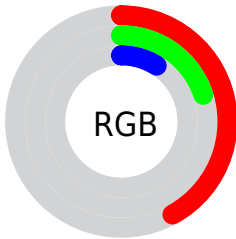
Format	Color
R_{YB}	108, 67, 23
Decimal	7091223
CIE _{Lab}	28.66, 22.60, 28.91
CIE _{LCh}	29, 36.699, 51.983
Yxy	5.7060, 0.5118, 0.3859
Android (android.graphics.Color)	4285281303 (0xFF6C3417)
YUV	65.4380, -20.9219, 37.3269
Hunter-Lab	23.8872, 14.7426, 12.9653

Details

The Hex color **6C3417** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **174F6C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A46444**, and **370700** is the 20% darker color. If you saturate the color by 10%, you get **6C2D0C**, and if you desaturate by 10%, it is **6C3B22**.

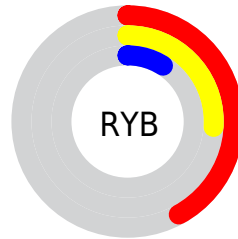
Distribution



Red (42%)

Green (20%)

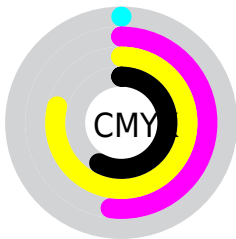
Blue (9%)



Red (42%)

Yellow (26%)

Blue (9%)

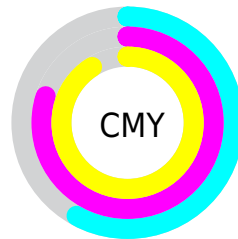


Cyan (0%)

Magenta (52%)

Yellow (79%)

Black (58%)



Cyan (58%)

Magenta (80%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C3417 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 6C3417 by changing the saturation by 10% instead.

 6C3417

 6C3417

FFFFFFD

 511E00

 A46444

 370700

 C07D5C

 1E0001

 DE9774

 000000

 FBB28E

 FFCEA9

 FFEAC4

 FFFFEO

 6C3417

 6C3417

■ 6C2D0C

■ 6C3B22

■ 6C2601

■ 6C422D

■ 6C2500

■ 6C4937

■ 6C5042

■ 6C584D

■ 6C5F58

■ 6C6663

■ 6C6D6D

■ 6C7478

Harmonies

Analogous

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



762A30



6C3417



584004

Triad

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



6C3417



00503B



353F78

Complementary

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



6C3417



174F6C

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.



00497C



6C3417



005158

Square

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



6C3417



184E1F



004F70



5E3367

Rectangle

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



6C3417



474603



004F70



1D437B

Sweetspot

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



6C3417



8C766B



6C1750



473A33



C7C7C7



474747

Same Dimension

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



6C3417



8C3508



6C5E17



363230



752800



F55400

Inverse Universe

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



174F6C



085F8C



17256C



303436



004D75



00A1F5

Previews

White Background



This preview shows how the Hex color 6C3417 looks on a white background.

Color Contrast Check

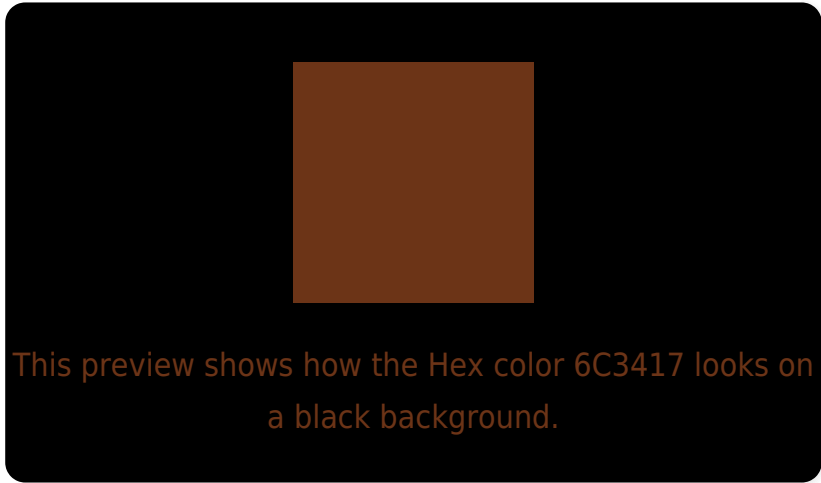
Large Text (above 18pt) WCAG AA ✓ Pass

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

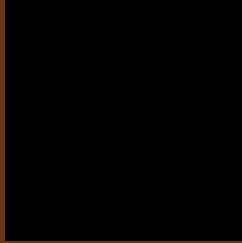
Any Text WCAG AA × Fail

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 6C3417 Background



This preview shows how black text looks on a background with the Hex color 6C3417.



This preview shows how white text looks on a background with the Hex color 6C3417.

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
6C3417

Protanopia
4C441C

Deuteranopia
564113



Tritanopia
6D3134

Trichromacy



Original Color
6C3417

Protanomaly
583E1A

Deuteranomaly
5E3C14

Tritanomaly
6D3229

Monochromacy



Original Color
6C3417

Achromatopsia
414141

Achromatomaly
513C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C3417 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 #6C3417 looks like.

```
.text, #text, p{  
    color:#6C3417  
}
```

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 #6C3417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3417
}
```

Border

The CSS property to change the border of an element to Hex 6C3417 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
#6C3417 }
```

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

```
.border{ border-color:#6C3417 }
```

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

Here you see how a box with a 4 pixel #6C3417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3417; -webkit-box-shadow:4px 4px  
4px 4px #6C3417; box-shadow:4px 4px 4px  
4px #6C3417 }
```

Background

The CSS property to change the background color of an element to Hex 6C3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3417 }
```

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

```
.background{ background-color:#6C3417 }
```

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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