

Converting Colors

Hex(6C4735)

Have a look what the booklet for
Hex(6C4735) contains.

Hex(6C4735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C4735)

Conversions

Conversions Part 1

Format	Color
Hex	6C4735
RGB	108, 71, 53
RGB Percent	42%, 28%, 21%
CMY	0.5765, 0.7216, 0.7922
CMYK	0.00, 0.34, 0.51, 0.58
HSL	20°, 34%, 32%
HSV	20°, 51%, 42%
XYZ	9.0802, 7.9517, 4.4244
YIQ	80.0110, 27.8300, 2.2460

Conversions

Conversions Part 2

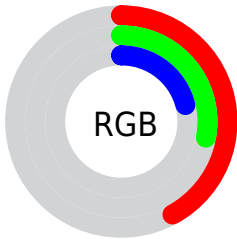
Format	Color
RYB	108, 80, 53
Decimal	7096117
CIELab	33.88, 13.56, 17.24
CIElCh	34, 21.939, 51.815
Yxy	7.9517, 0.4232, 0.3706
Android (android.graphics.Color)	4285286197 (0xFF6C4735)
YUV	80.0110, -13.3164, 24.5464
Hunter-Lab	28.1987, 8.1306, 10.4364

Details

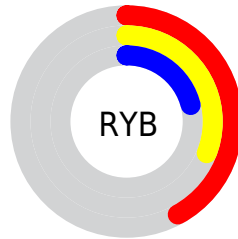
The Hex color **6C4735** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **355A6C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A17864**, and **3A1B09** is the 20% darker color. If you saturate the color by 10%, you get **6C402A**, and if you desaturate by 10%, it is **6C4E40**.

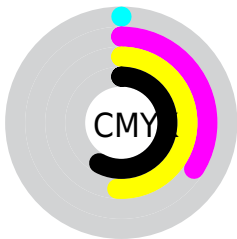
Distribution



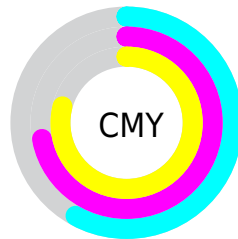
- Red (42%)
- Green (28%)
- Blue (21%)



- Red (42%)
- Yellow (31%)
- Blue (21%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (58%)



- Cyan (58%)
- Magenta (72%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C4735 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 6C4735 by changing the saturation by 10% instead.

 6C4735

 6C4735

FFFFFF

 533020

 A17864

 3A1B09

 BD917D

 240300

 D9AC97

 000000

 F6C7B1

 FFE3CD

 FFFFE9

 6C4735

 6C4735

 6C402A

 6C4E40

■ 6C381F

■ 6C564B

■ 6C3115

■ 6C5D55

■ 6C2A0A

■ 6C6460

■ 6C2300

■ 6C6B6B

■ 6C7376

■ 6C7A81

■ 6C818B

■ 6C8896

Harmonies

Analogous

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



724344



6C4735



5F4D2D

Triad

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



6C4735



23594A



4B4D70

Complementary

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



6C4735



355A6C

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.



2E5372



6C4735



09595C

Square

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



6C4735



3A573A



0E576B



614765

Rectangle

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



6C4735



54512D



0E576B



424F72

Sweetspot

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



6C4735



8C7E77



6C355B



473F3B



C7C7C7



474747

Same Dimension

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



6C4735



8C5337



6C6235



363230



752600



F55000

Inverse Universe

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



355A6C



37708C



353F6C



303436



004F75



00A5F5

Previews

White Background



This preview shows how the Hex color 6C4735 looks on a white background.

Color Contrast Check

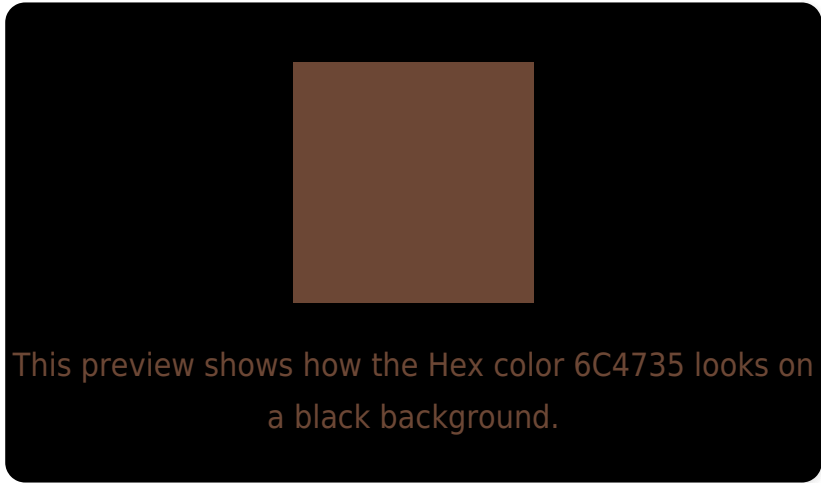
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C4735 Background



This preview shows how black text looks on a background with the Hex color 6C4735.



This preview shows how white text looks on a background with the Hex color 6C4735.

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
6C4735

Protanopia
565039

Deuteranopia
604D34



Tritanopia
6E4449

Trichromacy



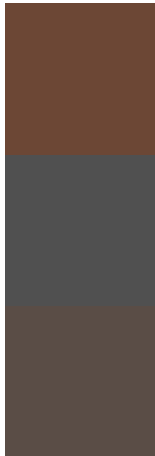
Original Color
6C4735

Protanomaly
5E4D38

Deuteranomaly
644B34

Tritanomaly
6D4542

Monochromacy



Original Color
6C4735

Achromatopsia
505050

Achromatomaly
5A4D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C4735 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 #6C4735 looks like.

```
.text, #text, p{  
    color:#6C4735  
}
```

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 #6C4735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4735
}
```

Border

The CSS property to change the border of an element to Hex 6C4735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

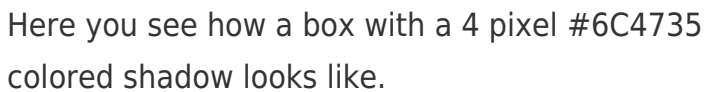
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C4735 }
```

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

```
.border{ border-color:#6C4735 }
```

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



Here you see how a box with a 4 pixel #6C4735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4735; -webkit-box-shadow:4px 4px  
4px 4px #6C4735; box-shadow:4px 4px 4px  
4px #6C4735 }
```

Background

The CSS property to change the background color of an element to Hex 6C4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4735 }
```

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

```
.background{ background-color:#6C4735 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor