

Converting Colors

Hex(C6744C)

Have a look what the booklet for
Hex(C6744C) contains.

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Color

Hex(C6744C)

Conversions

Conversions Part 1

Format	Color
Hex	C6744C
RGB	198, 116, 76
RGB Percent	78%, 45%, 30%
CMY	0.2235, 0.5451, 0.7020
CMYK	0.00, 0.41, 0.62, 0.22
HSL	20°, 52%, 54%
HSV	20°, 62%, 78%
XYZ	30.8386, 25.0184, 10.0411
YIQ	135.9580, 61.7120, 4.9440

Conversions

Conversions Part 2

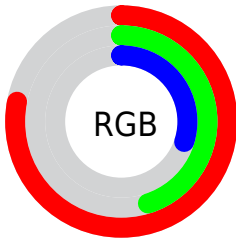
Format	Color
RYB	198, 136, 76
Decimal	13005900
CIELab	57.09, 28.52, 35.66
CIELCh	57, 45.664, 51.353
Yxy	25.0184, 0.4680, 0.3797
Android (android.graphics.Color)	4291195980 (0xFFC6744C)
YUV	135.9580, -29.5593, 54.4108
Hunter-Lab	50.0183, 22.5213, 23.1104

Details

The Hex color **C6744C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4C9EC6**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FFA97E**, and **8C421E** is the 20% darker color. If you saturate the color by 10%, you get **C66738**, and if you desaturate by 10%, it is **C68160**.

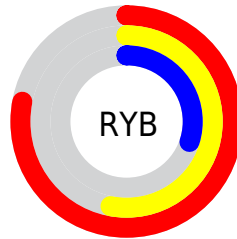
Distribution



Red (78%)

Green (45%)

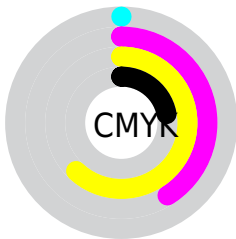
Blue (30%)



Red (78%)

Yellow (53%)

Blue (30%)

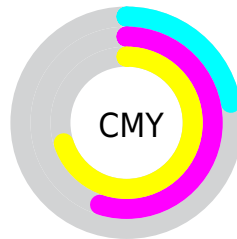


Cyan (0%)

Magenta (41%)

Yellow (62%)

Black (22%)



Cyan (22%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6744C 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 C6744C by changing the saturation by 10% instead.

 C6744C

 C6744C

FFFFFF

 A95B34

 FFA97E

 8C421E

 FFC498

 6F2B06

 FFE0B3

 541300

 FFFDCF

 380000

 FFFFEB

 1E0001

 000000

 C6744C

 C6744C

 C66738

 C68160

 C65924

 C68F74

 C64C11

 C69C87

 C64100

 C6A99B

 C6B7AF

 C6C4C3

 C6D1D7

 C6DEEA

 C6ECFE

Harmonies

Analogous

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



D3686E



C6744C



AA8338

Triad

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



C6744C



009C7C



7983D3

Complementary

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



C6744C



4C9EC6

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.



0091D7



C6744C



009DA5

Square

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



C6744C



559855



0099C6



AF73BB

Rectangle

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



C6744C



928C37



0099C6



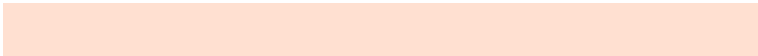
6088D7

Sweetspot

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



C6744C



FFE0D1



C64C9F



806D63



000000



808080

Same Dimension

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



C6744C



FF8042



C6B04C



635D5A



A33600



240C00

Inverse Universe

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



4C9EC6



42C1FF



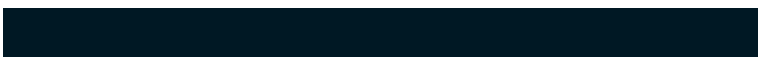
4C62C6



5A6063



006EA3



001824

Previews

White Background



This preview shows how the Hex color C6744C looks on a white background.

Color Contrast Check

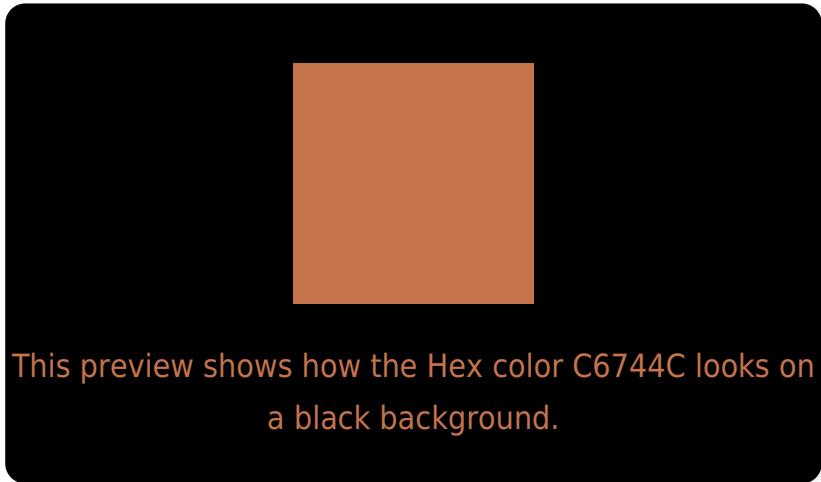
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

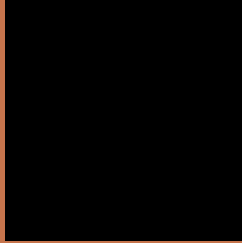
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C6744C Background



This preview shows how black text looks on a background with the Hex color C6744C.

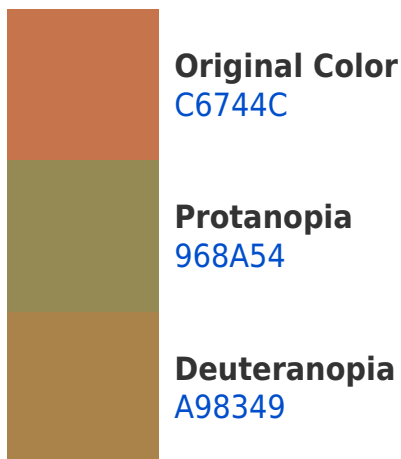


This preview shows how white text looks on a background with the Hex color C6744C.

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





Tritanopia
C96F77

Trichromacy



Original Color
C6744C

Protanomaly
A78251

Deuteranomaly
B47E4A

Tritanomaly
C87167

Monochromacy



Original Color
C6744C

Achromatopsia
888888

Achromatomaly
9F8172

CSS Examples

Text

The CSS property to change the color of the text to Hex C6744C 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 #C6744C looks like.

```
.text, #text, p{  
    color:#C6744C  
}
```

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 #C6744C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6744C
}
```

Border

The CSS property to change the border of an element to Hex C6744C is called "border". The border property can be set on classes, ids or directly on the HTML element.

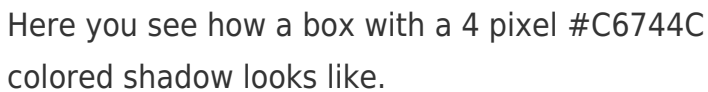
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C6744C }
```

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

```
.border{ border-color:#C6744C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#C6744C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6744C; -webkit-box-shadow:4px 4px  
4px 4px #C6744C; box-shadow:4px 4px 4px  
4px #C6744C }
```

Background

The CSS property to change the background color of an element to Hex C6744C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6744C }
```

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

```
.background{ background-color:#C6744C }
```

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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