

# Converting Colors

Hex(CB6D45)

Have a look what the booklet for  
Hex(CB6D45) contains.

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**Color**

**Hex(CB6D45)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CB6D45                    |
| RGB           | 203, 109, 69              |
| RGB Percent   | 80%, 43%, 27%             |
| CMY           | 0.2039, 0.5725, 0.7294    |
| CMYK          | 0.00, 0.46, 0.66, 0.20    |
| HSL           | 18°, 56%, 53%             |
| HSV           | 18°, 66%, 80%             |
| XYZ           | 31.1714, 24.0635, 8.6320  |
| YIQ           | 132.5460, 68.8640, 7.4880 |

# Conversions

## Conversions Part 2

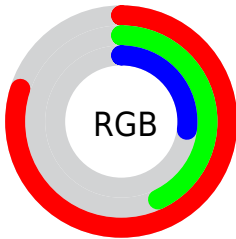
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 203, 126, 69                   |
| Decimal                             | 13331781                       |
| CIE <sub>Lab</sub>                  | 56.15, 33.81, 38.48            |
| CIE <sub>LCh</sub>                  | 56, 51.224, 48.697             |
| Yxy                                 | 24.0635, 0.4881,<br>0.3768     |
| Android<br>(android.graphics.Color) | 4291521861<br>(0xFFCB6D45)     |
| YUV                                 | 132.5460, -31.3282,<br>61.7882 |
| Hunter-Lab                          | 49.0545, 27.5814,<br>23.9050   |

# Details

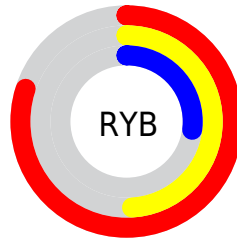
The Hex color **CB6D45** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **45A3CB**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFA276**, and **903B17** is the 20% darker color. If you saturate the color by 10%, you get **CB5F31**, and if you desaturate by 10%, it is **CB7B59**.

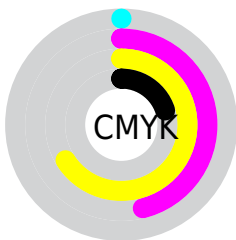
# Distribution



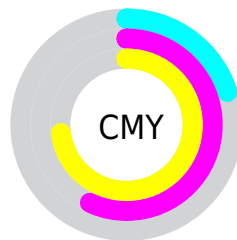
- Red (80%)
- Green (43%)
- Blue (27%)



- Red (80%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (66%)
- Black (20%)



- Cyan (20%)
- Magenta (57%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB6D45 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 CB6D45 by changing the saturation by 10% instead.



 CB6D45

 CB6D45

FFFFFF

 AD542E

 FFA276

 903B17

 FFBD90

 732300

 FFD9AB

 560700

 FFF6C7

 3A0000

 FFFF E3

 1F0001

 000000

 CB6D45

 CB6D45

 CB5F31

 CB7B59

 CB511C

 CB896E

 CB4208

 CB9882

 CB3D00

 CBA696

 CBB4AB

 CBC2BF

 CBD1D3

 CBDFE7

 CBEDFC

# Harmonies

## Analogous

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



D8606D



CB6D45



AD7E2A

# Triad

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



CB6D45



009B74



6A82DB

# Complementary

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



CB6D45



45A3CB

# 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.



0090DE



CB6D45



009CA2

# Square

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



CB6D45



4F9649



0099C9



AC6FC2

# Rectangle

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



CB6D45



938927



0099C9



4887DF



# Sweetspot

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



CB6D45



FFDBCC



CB45A5



806A61



000000



808080



# Same Dimension

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



CB6D45



FF7236



CBAE45



665F5C



A63100



260B00



# Inverse Universe

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



45A3CB



36C3FF



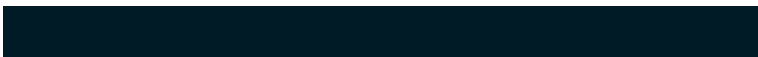
4562CB



5C6366



0074A6

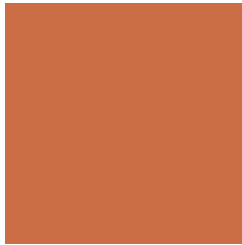


001B26



# Previews

## White Background



This preview shows how the Hex color CB6D45 looks on a white background.

## Color Contrast Check

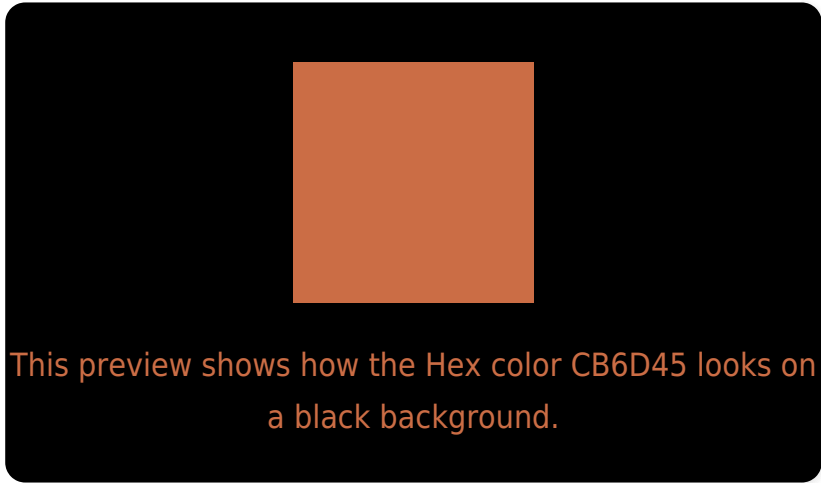
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB6D45 Background



This preview shows how black text looks on a background with the Hex color CB6D45.




This preview shows how white text looks on a background with the Hex color CB6D45.

# 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**  
CD686F

# Trichromacy



**Original Color**  
CB6D45

**Protanomaly**  
A87E4B

**Deuteranomaly**  
B47A42

**Tritanomaly**  
CC6A60

# Monochromacy



**Original Color**  
CB6D45

**Achromatopsia**  
858585

**Achromatomaly**  
9E7C6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB6D45 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 #CB6D45 looks like.

```
.text, #text, p{  
    color:#CB6D45  
}
```

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 #CB6D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6D45
}
```

## Border

The CSS property to change the border of an element to Hex CB6D45 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
#CB6D45 }
```

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

```
.border{ border-color:#CB6D45 }
```

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

Here you see how a box with a 4 pixel #CB6D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6D45; -webkit-box-shadow:4px 4px  
4px 4px #CB6D45; box-shadow:4px 4px 4px  
4px #CB6D45 }
```

# Background

The CSS property to change the background color of an element to Hex CB6D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6D45 }
```

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

```
.background{ background-color:#CB6D45 }
```

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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