

Converting Colors

Hex(CB6B38)

Have a look what the booklet for
Hex(CB6B38) contains.

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Color

Hex(CB6B38)

Conversions

Conversions Part 1

Format	Color
Hex	CB6B38
RGB	203, 107, 56
RGB Percent	80%, 42%, 22%
CMY	0.2039, 0.5804, 0.7804
CMYK	0.00, 0.47, 0.72, 0.20
HSL	21°, 59%, 51%
HSV	21°, 72%, 80%
XYZ	30.6001, 23.4974, 6.6640
YIQ	129.8900, 73.5870, 4.4910

Conversions

Conversions Part 2

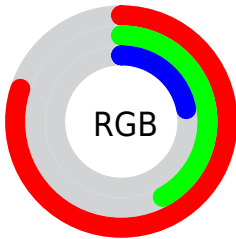
Format	Color
R_{YB}	203, 134, 56
Decimal	13331256
CIE _{Lab}	55.58, 34.15, 44.60
CIE _{LCh}	56, 56.170, 52.559
Yxy	23.4974, 0.5036, 0.3867
Android (android.graphics.Color)	4291521336 (0xFFCB6B38)
YUV	129.8900, -36.4278, 64.1175
Hunter-Lab	48.4741, 27.8513, 25.7809

Details

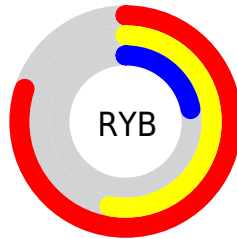
The Hex color **CB6B38** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3898CB**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FFA069**, and **8F3906** is the 20% darker color. If you saturate the color by 10%, you get **CB5E24**, and if you desaturate by 10%, it is **CB784C**.

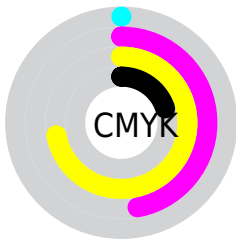
Distribution



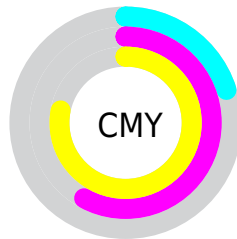
- Red (80%)
- Green (42%)
- Blue (22%)



- Red (80%)
- Yellow (53%)
- Blue (22%)



- Cyan (0%)
- Magenta (47%)
- Yellow (72%)
- Black (20%)



- Cyan (20%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB6B38 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 CB6B38 by changing the saturation by 10% instead.

 CB6B38

 CB6B38

FFFFFF

 AD5220

 FFA069

 8F3906

 FFBB83

 722100

 FFD79E

 550500

 FFF4B9

 390000

 FFFFFD5

 1C0001

 FFFFFF2

 000000

 CB6B38

 CB6B38

 CB5E24

 CB784C

 CB500F

 CB8661

 CB4600

 CB9375

 CBA089

 CBAD9E

 CBBBB2

 CBC8C6

 CBD5DA

 CBE2EF

Harmonies

Analogous

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



DD5A63



CB6B38



A87F1A

Triad

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



CB6B38



009C77



6F7DE0

Complementary

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



CB6B38



3898CB

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.



008EE6



CB6B38



009CA9

Square

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



CB6B38



3B9747



0098D2



B468C1

Rectangle

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



CB6B38



8B8919



0098D2



4A84E5

Sweetspot

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



CB6B38



FFDAC7



CB389A



806A5E



000000



808080

Same Dimension

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



CB6B38



FF6E21



CBB338



665F5C



A63A00



260D00

Inverse Universe

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



3898CB



21B2FF



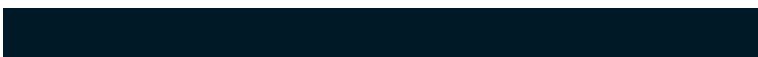
3851CB



5C6266



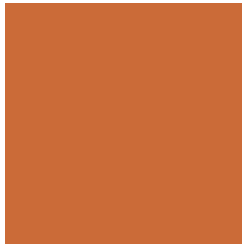
006CA6



001926

Previews

White Background



This preview shows how the Hex color CB6B38 looks on a white background.

Color Contrast Check

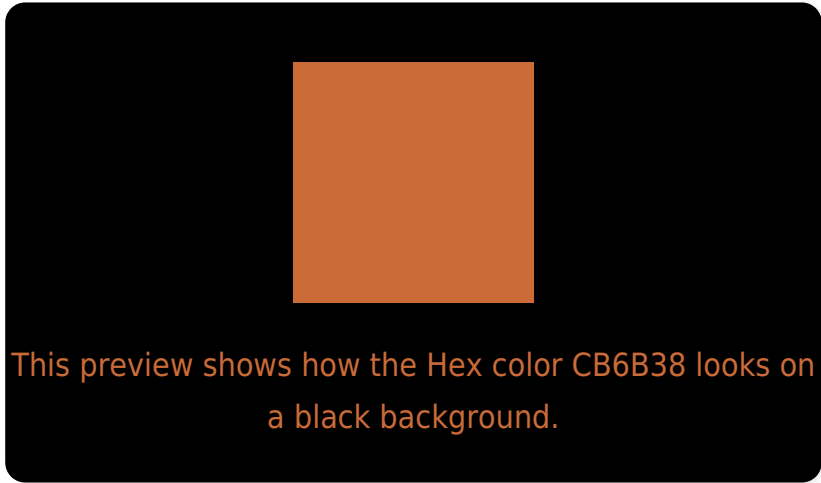
Large Text (above 18pt) WCAG AA ✓ Pass

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

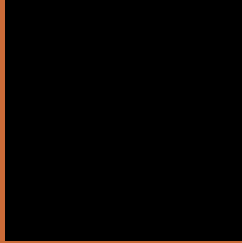
Any Text WCAG AA ✓ Pass

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 CB6B38 Background



This preview shows how black text looks on a background with the Hex color CB6B38.



This preview shows how white text looks on a background with the Hex color CB6B38.

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
CB6B38

Protanopia
948640

Deuteranopia
A77F33

Trichromacy



Original Color
CB6B38

Protanomaly
A87C3D

Deuteranomaly
B47835

Tritanomaly
CD6759

Monochromacy



Original Color
CB6B38

Achromatopsia
828282

Achromatomaly
9D7A67

CSS Examples

Text

The CSS property to change the color of the text to Hex CB6B38 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 #CB6B38 looks like.

```
.text, #text, p{  
    color:#CB6B38  
}
```

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 #CB6B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6B38  
}
```

Border

The CSS property to change the border of an element to Hex CB6B38 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  
#CB6B38 }
```

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

```
.border{ border-color:#CB6B38 }
```

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

Here you see how a box with a 4 pixel #CB6B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6B38; -webkit-box-shadow:4px 4px  
4px 4px #CB6B38; box-shadow:4px 4px 4px  
4px #CB6B38 }
```

Background

The CSS property to change the background color of an element to Hex CB6B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6B38 }
```

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

```
.background{ background-color:#CB6B38 }
```

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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