

Converting Colors

Hex(CA6B46)

Have a look what the booklet for
Hex(CA6B46) contains.

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Color

Hex(CA6B46)

Conversions

Conversions Part 1

Format	Color
Hex	CA6B46
RGB	202, 107, 70
RGB Percent	79%, 42%, 27%
CMY	0.2078, 0.5804, 0.7255
CMYK	0.00, 0.47, 0.65, 0.21
HSL	17°, 55%, 53%
HSV	17°, 65%, 79%
XYZ	30.7203, 23.5141, 8.7139
YIQ	131.1870, 68.4970, 8.6330

Conversions

Conversions Part 2

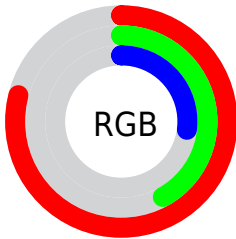
Format	Color
R_{YB}	202, 121, 70
Decimal	13265734
CIE _{Lab}	55.60, 34.52, 37.26
CIE _{LCh}	56, 50.793, 47.181
Yxy	23.5141, 0.4880, 0.3735
Android (android.graphics.Color)	4291455814 (0xFFCA6B46)
YUV	131.1870, -30.1652, 62.1030
Hunter-Lab	48.4914, 28.2236, 23.2896

Details

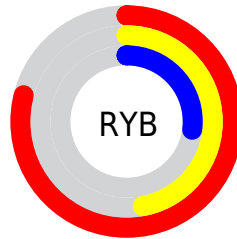
The Hex color **CA6B46** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **46A5CA**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FFA077**, and **8F3918** is the 20% darker color. If you saturate the color by 10%, you get **CA5C32**, and if you desaturate by 10%, it is **CA7A5A**.

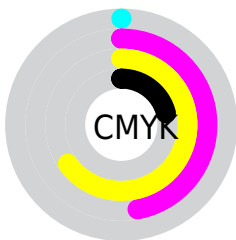
Distribution



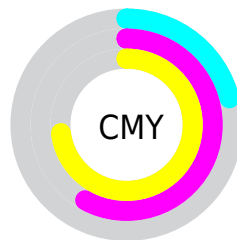
- Red (79%)
- Green (42%)
- Blue (27%)



- Red (79%)
- Yellow (47%)
- Blue (27%)



- Cyan (0%)
- Magenta (47%)
- Yellow (65%)
- Black (21%)



- Cyan (21%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA6B46 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 CA6B46 by changing the saturation by 10% instead.

 CA6B46

 CA6B46

FFFFFF

 AC522F

 FFA077

 8F3918

 FFBB91

 722000

 FFD7AC

 550400

 FFF4C8

 3A0000

 FFFFE4

 1D0001

 000000

 CA6B46

 CA6B46

 CA5C32

 CA7A5A

■ CA4E1E

■ CA886E

■ CA3F09

■ CA9783

■ CA3900

■ CAA597

■ CAB4AB

■ CAC2BF

■ CAD1D3

■ CADFE8

■ CAEEFC

Harmonies

Analogous

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



D65E6E



CA6B46



AD7C2B

Triad

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



CA6B46



009A70



6481DA

Complementary

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



CA6B46



46A5CA

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.



008FDB



CA6B46



009B9E

Square

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



CA6B46



519446



0098C5



A86FC2

Rectangle

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



CA6B46



938626



0098C5



4087DD

Sweetspot

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



CA6B46



FFDACC



CA46A7



806961



000000



808080

Same Dimension

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



CA6B46



FF7038



CAAB46



665F5C



A62E00



260B00

Inverse Universe

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



46A5CA



38C7FF



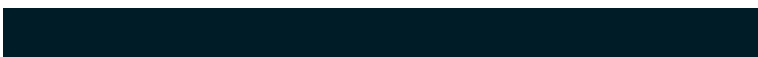
4665CA



5C6366



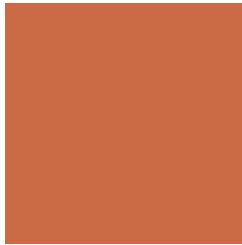
0077A6



001C26

Previews

White Background



This preview shows how the Hex color CA6B46 looks on a white background.

Color Contrast Check

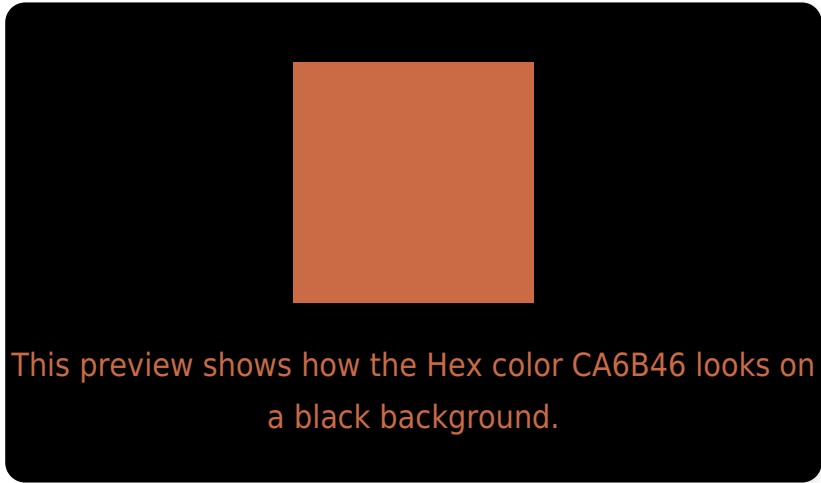
Large Text (above 18pt) WCAG AA ✓ Pass

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

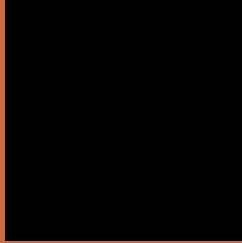
Any Text WCAG AA ✓ Pass

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 CA6B46 Background



This preview shows how black text looks on a background with the Hex color CA6B46.



This preview shows how white text looks on a background with the Hex color CA6B46.

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

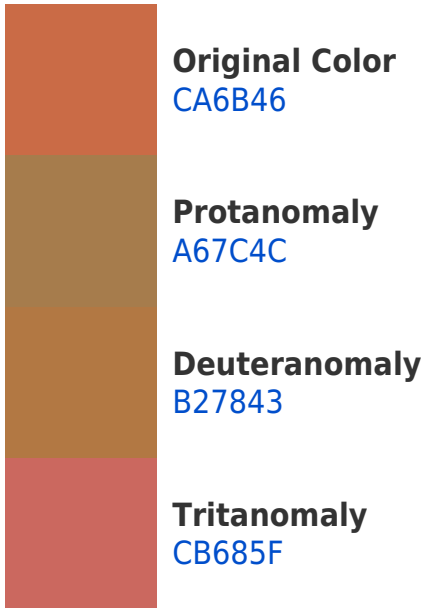


Original Color
CA6B46

Protanopia
92864F

Deuteranopia
A57F42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA6B46 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 #CA6B46 looks like.

```
.text, #text, p{  
    color:#CA6B46  
}
```

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 #CA6B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA6B46
}
```

Border

The CSS property to change the border of an element to Hex CA6B46 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
#CA6B46 }
```

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

```
.border{ border-color:#CA6B46 }
```

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

Here you see how a box with a 4 pixel #CA6B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA6B46; -webkit-box-shadow:4px 4px  
4px 4px #CA6B46; box-shadow:4px 4px 4px  
4px #CA6B46 }
```

Background

The CSS property to change the background color of an element to Hex CA6B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA6B46 }
```

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

```
.background{ background-color:#CA6B46 }
```

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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