

Converting Colors

Hex(C16846)

Have a look what the booklet for
Hex(C16846) contains.

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Color

Hex(C16846)

Conversions

Conversions Part 1

Format	Color
Hex	C16846
RGB	193, 104, 70
RGB Percent	76%, 41%, 27%
CMY	0.2431, 0.5922, 0.7255
CMYK	0.00, 0.46, 0.64, 0.24
HSL	17°, 50%, 52%
HSV	17°, 64%, 76%
XYZ	28.0481, 21.6803, 8.5008
YIQ	126.7350, 63.9580, 8.2940

Conversions

Conversions Part 2

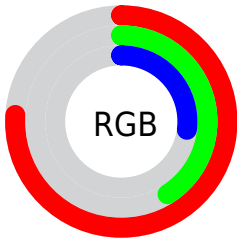
Format	Color
R_{YB}	193, 117, 70
Decimal	12675142
CIE _{Lab}	53.69, 32.51, 34.67
CIE _{LCh}	54, 47.528, 46.839
Yxy	21.6803, 0.4817, 0.3723
Android (android.graphics.Color)	4290865222 (0xFFC16846)
YUV	126.7350, -27.9704, 58.1144
Hunter-Lab	46.5621, 26.0414, 21.7690

Details

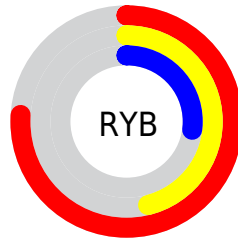
The Hex color **C16846** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **469FC1**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FD9C77**, and **863718** is the 20% darker color. If you saturate the color by 10%, you get **C15A33**, and if you desaturate by 10%, it is **C17659**.

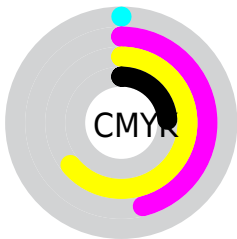
Distribution



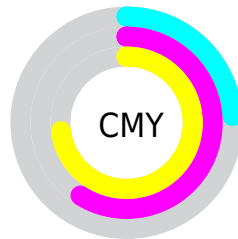
- Red (76%)
- Green (41%)
- Blue (27%)



- Red (76%)
- Yellow (46%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (64%)
- Black (24%)



- Cyan (24%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C16846 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 C16846 by changing the saturation by 10% instead.

 C16846

 C16846

FFFFFF

 A34F2F

 FD9C77

 863718

 FFB891

 6A1E00

 FFD4AC

 4E0300

 FFF0C7

 330000

 FFFFFE4

 0D0000

 000000

 C16846

 C16846

 C15A33

 C17659

 C14C1F

 C1846D

 C13E0C

 C19280

 C13500

 C1A093

 C1AEA7

 C1BCBA

 C1CACD

 C1D8E0

 C1E6F4

Harmonies

Analogous

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



CC5D6B



C16846



A6782D

Triad

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



C16846



00936C



627DCF

Complementary

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



C16846



469FC1

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.



008AD0



C16846



009497

Square

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



C16846



518E46



0092BB



A06CB9

Rectangle

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



C16846



8E8129



0092BB



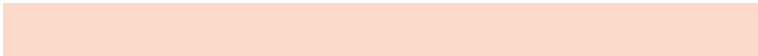
4282D2

Sweetspot

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



C16846



FAD8CA



C146A0



7D6860



FCFCFC



7D7D7D

Same Dimension

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



C16846



FA703C



C1A446



615A57



A12C00



210900

Inverse Universe

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



469FC1



3CC5FA



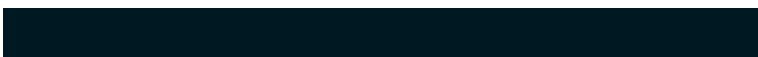
4663C1



575E61



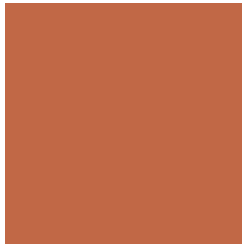
0074A1



001821

Previews

White Background



This preview shows how the Hex color C16846 looks on a white background.

Color Contrast Check

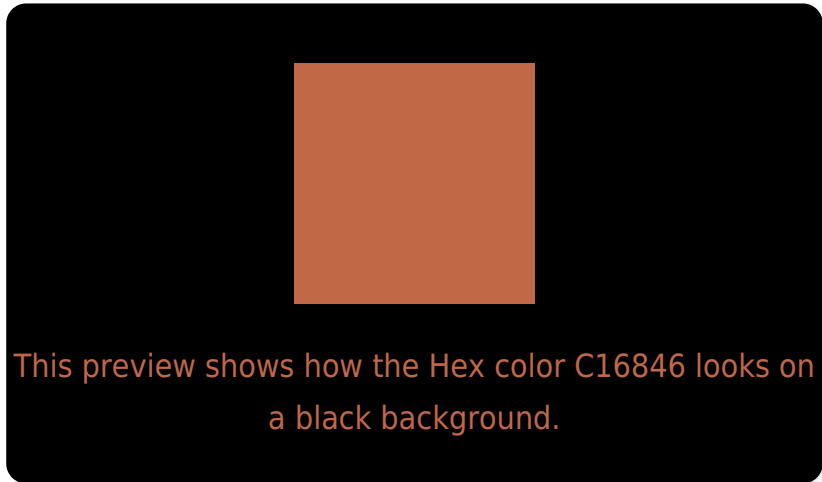
Large Text (above 18pt) WCAG AA ✓ Pass

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 C16846 Background



This preview shows how black text looks on a background with the Hex color C16846.



This preview shows how white text looks on a background with the Hex color C16846.

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
C16846

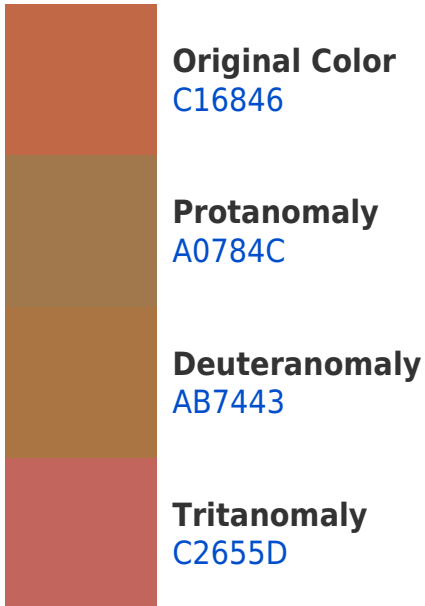
Protanopia
8D814F

Deuteranopia
9E7B42



Tritanopia
C3636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C16846 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 #C16846 looks like.

```
.text, #text, p{  
    color:#C16846  
}
```

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 #C16846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16846
}
```

Border

The CSS property to change the border of an element to Hex C16846 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
#C16846 }
```

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

```
.border{ border-color:#C16846 }
```

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

Here you see how a box with a 4 pixel #C16846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16846; -webkit-box-shadow:4px 4px  
4px 4px #C16846; box-shadow:4px 4px 4px  
4px #C16846 }
```

Background

The CSS property to change the background color of an element to Hex C16846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16846 }
```

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

```
.background{ background-color:#C16846 }
```

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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