

# Converting Colors

Hex(C06840)

Have a look what the booklet for  
Hex(C06840) contains.

<b>Hex(C06840)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C06840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C06840
RGB	192, 104, 64
RGB Percent	75%, 41%, 25%
CMY	0.2471, 0.5922, 0.7490
CMYK	0.00, 0.46, 0.67, 0.25
HSL	19°, 50%, 50%
HSV	19°, 67%, 75%
XYZ	27.6140, 21.4773, 7.5406
YIQ	125.7520, 65.2880, 6.2160

# Conversions

## Conversions Part 2

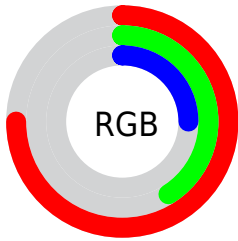
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">192, 122, 64</a>
Decimal	<a href="#">12609600</a>
<a href="#">CIELab</a>	<a href="#">53.47, 31.73, 37.64</a>
<a href="#">CIElCh</a>	<a href="#">53, 49.227, 49.873</a>
<a href="#">Yxy</a>	<a href="#">21.4773, 0.4876, 0.3792</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290799680 (0xFFC06840)</a>
<a href="#">YUV</a>	<a href="#">125.7520, -30.4437, 58.0995</a>
<a href="#">Hunter-Lab</a>	<a href="#">46.3436, 25.2585, 22.7934</a>

# Details

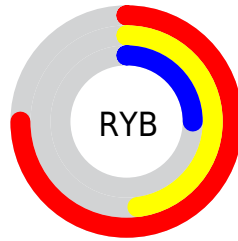
The Hex color **C06840** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4098C0**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FD9C71**, and **853712** is the 20% darker color. If you saturate the color by 10%, you get **C05B2D**, and if you desaturate by 10%, it is **C07553**.

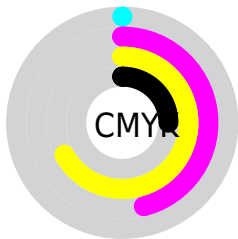
# Distribution



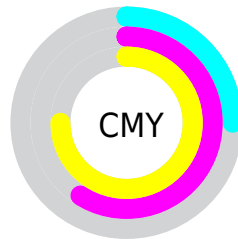
- Red (75%)
- Green (41%)
- Blue (25%)



- Red (75%)
- Yellow (48%)
- Blue (25%)



- Cyan (0%)
- Magenta (46%)
- Yellow (67%)
- Black (25%)



- Cyan (25%)
- Magenta (59%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C06840 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 C06840 by changing the saturation by 10% instead.



 C06840

 C06840

FFFFFF

 A24F29

 FD9C71

 853712

 FFB88B

 691F00

 FFD4A6

 4D0400

 FFF0C1

 320000

 FFFFDD

 090000

 FFFFFFFA

 000000

 C06840

 C06840

 C05B2D

 C07553

 C04E1A

 C08266

 C04006

 C0907A

 C03C00

 C09D8D

 C0AAA0

 C0B7B3

 C0C4C6

 C0D2DA

 C0DFED

# Harmonies

## Analogous

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



CE5B65



C06840



A37827

# Triad

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



C06840



00946F



687AD0

# Complementary

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



C06840



4098C0

# 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.



0089D3



C06840



00949B

# Square

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



C06840



488F46



0091C0



A569B7

# Rectangle

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



C06840



8A8225



0091C0



4880D3



# Sweetspot

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



C06840



FAD8C8



C0409A



7D685F



FCFCFC



7D7D7D



# Same Dimension

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



C06840



FA7032



C0A640



615A57



A13200



210A00



# Inverse Universe

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



4098C0



32BBFA



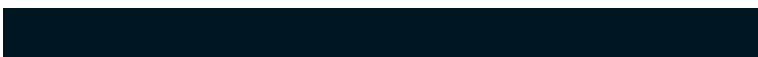
405AC0



575E61



006EA1

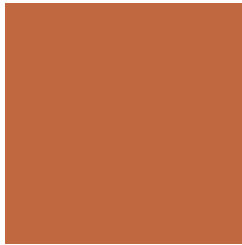


001721



# Previews

## White Background



This preview shows how the Hex color C06840 looks on a white background.

## Color Contrast Check

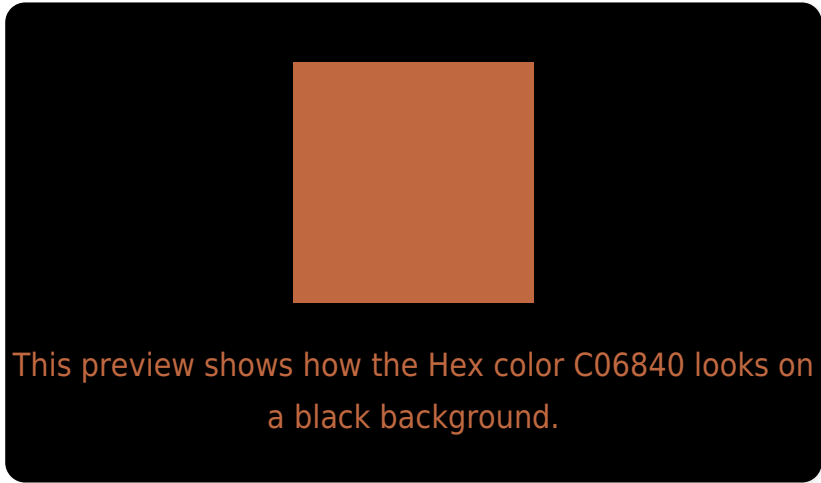
Large Text (above 18pt) WCAG AA ✓ Pass

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 C06840 Background



This preview shows how black text looks on a background with the Hex color C06840.



This preview shows how white text looks on a background with the Hex color C06840.

# 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**  
C06840

**Protanopia**  
8D8048

**Deuteranopia**  
9E7A3C



**Tritanopia**  
C2636A

# Trichromacy



**Original Color**  
C06840

**Protanomaly**  
A07745

**Deuteranomaly**  
AA733D

**Tritanomaly**  
C1655B

# Monochromacy



**Original Color**  
C06840

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
967667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C06840 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 #C06840 looks like.

```
.text, #text, p{  
    color:#C06840  
}
```

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 #C06840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C06840
}
```

## Border

The CSS property to change the border of an element to Hex C06840 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
#C06840 }
```

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

```
.border{ border-color:#C06840 }
```

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

Here you see how a box with a 4 pixel #C06840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C06840; -webkit-box-shadow:4px 4px  
4px 4px #C06840; box-shadow:4px 4px 4px  
4px #C06840 }
```

# Background

The CSS property to change the background color of an element to Hex C06840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C06840 }
```

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

```
.background{ background-color:#C06840 }
```

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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