

# Converting Colors

Hex(C56845)

Have a look what the booklet for  
Hex(C56845) contains.

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**Color**

**Hex(C56845)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C56845
RGB	197, 104, 69
RGB Percent	77%, 41%, 27%
CMY	0.2275, 0.5922, 0.7294
CMYK	0.00, 0.47, 0.65, 0.23
HSL	16°, 52%, 52%
HSV	16°, 65%, 77%
XYZ	29.0505, 22.2006, 8.3842
YIQ	127.8170, 66.6630, 8.8310

# Conversions

## Conversions Part 2

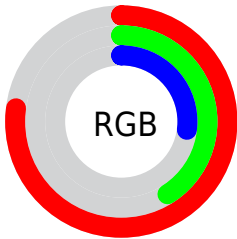
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 117, 69
Decimal	12937285
CIELab	54.24, 34.05, 36.01
CIELCh	54, 49.561, 46.609
Yxy	22.2006, 0.4871, 0.3723
Android (android.graphics.Color)	4291127365 (0xFFC56845)
YUV	127.8170, -28.9968, 60.6735
Hunter-Lab	47.1175, 27.5990, 22.4320

# Details

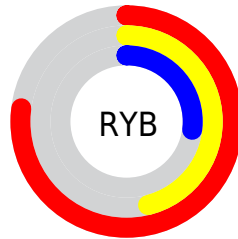
The Hex color **C56845** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **45A2C5**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9D76**, and **8A3617** is the 20% darker color. If you saturate the color by 10%, you get **C55A31**, and if you desaturate by 10%, it is **C57659**.

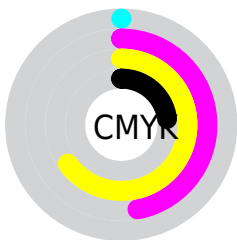
# Distribution



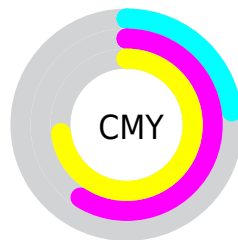
- Red (77%)
- Green (41%)
- Blue (27%)



- Red (77%)
- Yellow (46%)
- Blue (27%)



- Cyan (0%)
- Magenta (47%)
- Yellow (65%)
- Black (23%)



- Cyan (23%)
- Magenta (59%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C56845 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 C56845 by changing the saturation by 10% instead.



 C56845

 C56845

FFFFFF

 A74F2E

 FF9D76

 8A3617

 FFB890

 6D1E00

 FFD4AB

 510200

 FFF1C6

 360000

 FFFFFE3

 150000

 000000

 C56845

 C56845

 C55A31

 C57659

 C54B1E

 C5856C

 C53D0A

 C59380

 C53600

 C5A194

 C5B0A8

 C5BEBB

 C5CCCF

 C5DBE3

 C5E9F6

# Harmonies

## Analogous

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



D15C6C



C56845



A9792A

# Triad

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



C56845



00956C



607ED4

# Complementary

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



C56845



45A2C5

# 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.



008CD5



C56845



009799

# Square

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



C56845



519044



0094BF



A26CBD

# Rectangle

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



C56845



908326



0094BF



3D83D7



# Sweetspot

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



C56845



FFDCCF



C545A3



806A62



000000



808080



# Same Dimension

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



C56845



FF6E38



C5A745



635C5A



A32D00



240A00



# Inverse Universe

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



45A2C5



38C9FF



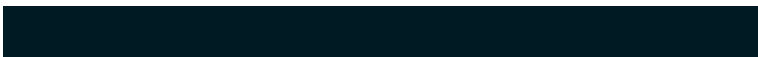
4563C5



5A6163



0077A3

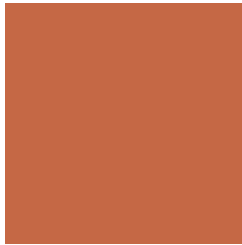


001A24



# Previews

## White Background



This preview shows how the Hex color C56845 looks on a white background.

## Color Contrast Check

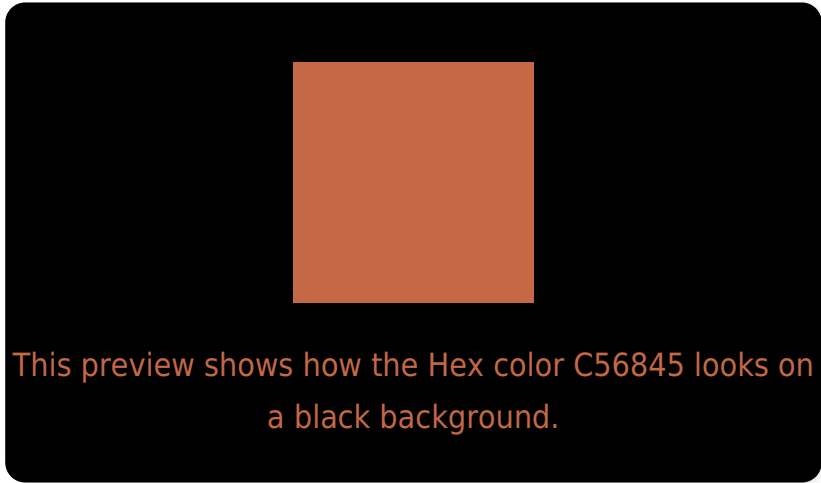
Large Text (above 18pt) WCAG AA ✓ Pass

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

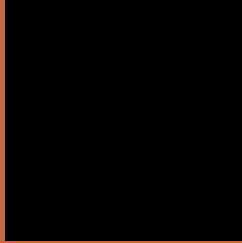
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C56845 Background



This preview shows how black text looks on a background with the Hex color C56845.



This preview shows how white text looks on a background with the Hex color C56845.

# 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**  
C56845

**Protanopia**  
8E824E

**Deuteranopia**  
A07C41



**Tritanopia**  
C7636A

# Trichromacy



**Original Color**  
C56845

**Protanomaly**  
A2794B

**Deuteranomaly**  
AD7542

**Tritanomaly**  
C6655D

# Monochromacy



**Original Color**  
C56845

**Achromatopsia**  
808080

**Achromatomaly**  
99776B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C56845 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 #C56845 looks like.

```
.text, #text, p{  
    color:#C56845  
}
```

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 #C56845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56845
}
```

## Border

The CSS property to change the border of an element to Hex C56845 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
#C56845 }
```

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

```
.border{ border-color:#C56845 }
```

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

Here you see how a box with a 4 pixel #C56845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56845; -webkit-box-shadow:4px 4px  
4px 4px #C56845; box-shadow:4px 4px 4px  
4px #C56845 }
```

# Background

The CSS property to change the background color of an element to Hex C56845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56845 }
```

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

```
.background{ background-color:#C56845 }
```

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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