

# Converting Colors

Hex(C56541)

Have a look what the booklet for  
Hex(C56541) contains.

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**Color**

**Hex(C56541)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C56541
RGB	197, 101, 65
RGB Percent	77%, 40%, 25%
CMY	0.2275, 0.6039, 0.7451
CMYK	0.00, 0.49, 0.67, 0.23
HSL	16°, 53%, 51%
HSV	16°, 67%, 77%
XYZ	28.6338, 21.5593, 7.6532
YIQ	125.6000, 68.7720, 9.1560

# Conversions

## Conversions Part 2

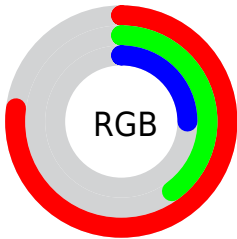
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 115, 65
Decimal	12936513
CIE <sub>Lab</sub>	53.56, 35.37, 37.39
CIE <sub>LCh</sub>	54, 51.468, 46.585
Yxy	21.5593, 0.4950, 0.3727
Android (android.graphics.Color)	4291126593 (0xFFC56541)
YUV	125.6000, -29.8758, 62.6178
Hunter-Lab	46.4320, 28.8216, 22.7299

# Details

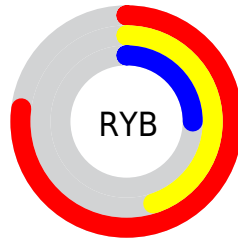
The Hex color **C56541** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **41A1C5**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9A72**, and **8A3313** is the 20% darker color. If you saturate the color by 10%, you get **C5572D**, and if you desaturate by 10%, it is **C57355**.

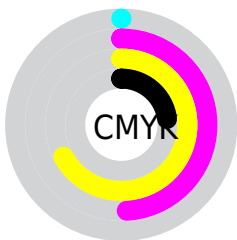
# Distribution



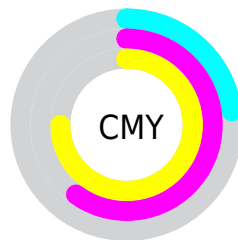
- Red (77%)
- Green (40%)
- Blue (25%)



- Red (77%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (49%)
- Yellow (67%)
- Black (23%)



- Cyan (23%)
- Magenta (60%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C56541 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 C56541 by changing the saturation by 10% instead.



 C56541

 C56541

FFFFFF

 A74C2A

 FF9A72

 8A3313

 FFB58C

 6D1A00

 FFD1A6

 500000

 FFEDC2

 350000

 FFFFDE

 120000

 FFFFFB

 000000

 C56541

 C56541

 C5572D

 C57355

 C5481A

 C58268

 C53A06

 C5907C

 C53600

 C59E90

 C5ADA4

 C5BBB7

 C5C9CB

 C5D8DF

 C5E6F2

# Harmonies

## Analogous

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



D15869



C56541



A87724

# Triad

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



C56541



00946A



5C7CD5

# Complementary

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



C56541



41A1C5

# 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.



008BD6



C56541



009598

# Square

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



C56541



4C8F40



0093BF



A26ABD

# Rectangle

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



C56541



8E811F



0093BF



3382D8



# Sweetspot

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



C56541



FFDACC



C541A2



806961



000000



808080



# Same Dimension

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



C56541



FF6B33



C5A641



635C5A



A32D00



240A00



# Inverse Universe

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



41A1C5



33C7FF



4160C5



5A6163



0077A3



001A24



# Previews

## White Background



This preview shows how the Hex color C56541 looks on a white background.

## Color Contrast Check

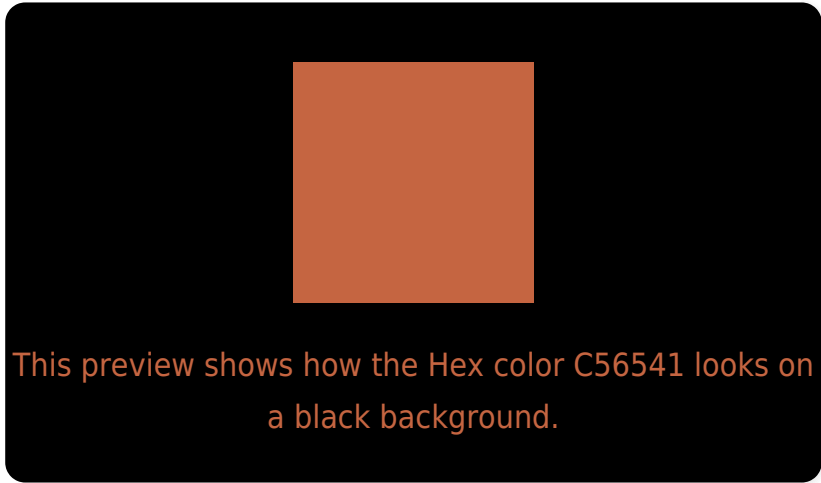
Large Text (above 18pt) WCAG AA ✓ Pass

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 C56541 Background



This preview shows how black text looks on a background with the Hex color C56541.



This preview shows how white text looks on a background with the Hex color C56541.

# 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**  
C56541

**Protanopia**  
8D814A

**Deuteranopia**  
9F7A3C



**Tritanopia**  
C76067

# Trichromacy



**Original Color**  
C56541

**Protanomaly**  
A17747

**Deuteranomaly**  
AD723E

**Tritanomaly**  
C66259

# Monochromacy



**Original Color**  
C56541

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
987568

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C56541 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 #C56541 looks like.

```
.text, #text, p{  
    color:#C56541  
}
```

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 #C56541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56541
}
```

## Border

The CSS property to change the border of an element to Hex C56541 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
#C56541 }
```

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

```
.border{ border-color:#C56541 }
```

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

Here you see how a box with a 4 pixel #C56541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56541; -webkit-box-shadow:4px 4px  
4px 4px #C56541; box-shadow:4px 4px 4px  
4px #C56541 }
```

# Background

The CSS property to change the background color of an element to Hex C56541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56541 }
```

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

```
.background{ background-color:#C56541 }
```

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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