

# Converting Colors

Hex(C58243)

Have a look what the booklet for  
Hex(C58243) contains.

<b>Hex(C58243)</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(C58243)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C58243
RGB	197, 130, 67
RGB Percent	77%, 51%, 26%
CMY	0.2275, 0.4902, 0.7373
CMYK	0.00, 0.34, 0.66, 0.23
HSL	29°, 53%, 52%
HSV	29°, 66%, 77%
XYZ	32.0217, 28.2408, 9.0735
YIQ	142.8510, 60.1550, -5.3890

# Conversions

## Conversions Part 2

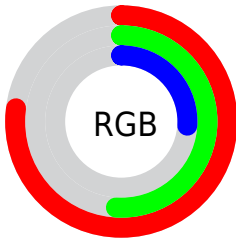
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 189, 67
Decimal	12943939
CIELab	60.11, 19.87, 43.86
CIElCh	60, 48.151, 65.625
Yxy	28.2408, 0.4618, 0.4073
Android (android.graphics.Color)	4291134019 (0xFFC58243)
YUV	142.8510, -37.3945, 47.4887
Hunter-Lab	53.1421, 14.5596, 27.0763

# Details

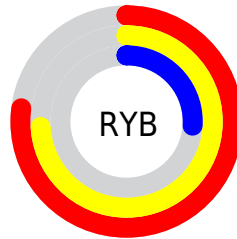
The Hex color **C58243** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4386C5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB775**, and **8B5011** is the 20% darker color. If you saturate the color by 10%, you get **C5782F**, and if you desaturate by 10%, it is **C58C57**.

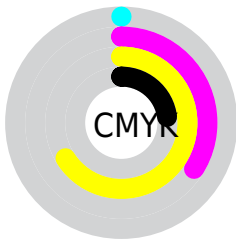
# Distribution



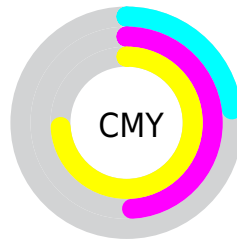
- Red (77%)
- Green (51%)
- Blue (26%)



- Red (77%)
- Yellow (74%)
- Blue (26%)



- Cyan (0%)
- Magenta (34%)
- Yellow (66%)
- Black (23%)



- Cyan (23%)
- Magenta (49%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C58243 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 C58243 by changing the saturation by 10% instead.



 C58243

 C58243

FFFFFF

 A8692B

 FFB775

 8B5011

 FFD390

 6F3900

 FFEFAB

 532300

 FFFFC6

 380E00

 FFFF E3

 220001

 000000

 C58243

 C58243

 C5782F

 C58C57

 C56E1C

 C5966A

 C56408

 C5A07E

 C55F00

 C5AB92

 C5B5A6

 C5BFB9

 C5C9CD

 C5D3E1

 C5DDF4

# Harmonies

## Analogous

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



DB7362



C58243



A29138

# Triad

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



C58243



00A698



9E82D6

# Complementary

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



C58243



4386C5

# 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.



5293E5



C58243



00A5C1

# Square

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



C58243



37A36C



009FDE



CB73B5

# Rectangle

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



C58243



859940



009FDE



8988DD

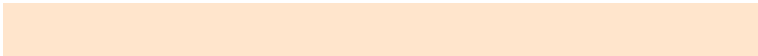


# Sweetspot

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



C58243



FFE5CC



C54386



807061



000000



808080



# Same Dimension

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



C58243



FF9736



C5C343



635E5A



A34F00



241100

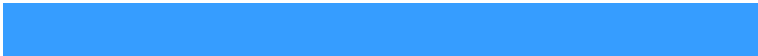


# Inverse Universe

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



4386C5



369DFF



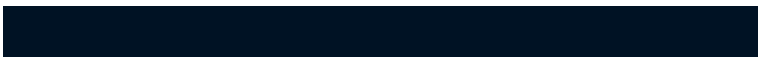
4345C5



5A5F63



0054A3



001224



# Previews

## White Background



This preview shows how the Hex color C58243 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

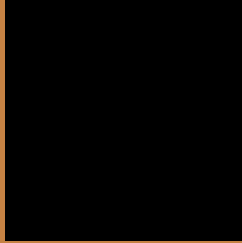
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C58243 Background



This preview shows how black text looks on a background with the Hex color C58243.



This preview shows how white text looks on a background with the Hex color C58243.

# 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**  
C58243

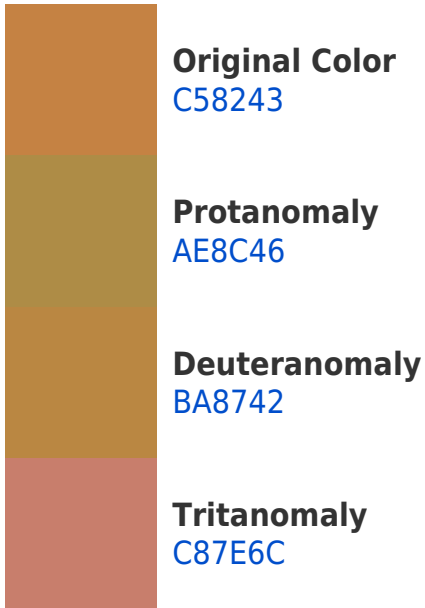
**Protanopia**  
A19148

**Deuteranopia**  
B48A41



**Tritanopia**  
C97B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C58243 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 #C58243 looks like.

```
.text, #text, p{  
    color:#C58243  
}
```

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 #C58243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C58243
}
```

## Border

The CSS property to change the border of an element to Hex C58243 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
#C58243 }
```

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

```
.border{ border-color:#C58243 }
```

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

Here you see how a box with a 4 pixel #C58243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C58243; -webkit-box-shadow:4px 4px  
4px 4px #C58243; box-shadow:4px 4px 4px  
4px #C58243 }
```

# Background

The CSS property to change the background color of an element to Hex C58243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C58243 }
```

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

```
.background{ background-color:#C58243 }
```

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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