

# Converting Colors

Hex(C08E33)

Have a look what the booklet for  
Hex(C08E33) contains.

<b>Hex(C08E33)</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(C08E33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C08E33
RGB	192, 142, 51
RGB Percent	75%, 56%, 20%
CMY	0.2471, 0.4431, 0.8000
CMYK	0.00, 0.26, 0.73, 0.25
HSL	39°, 58%, 48%
HSV	39°, 73%, 75%
XYZ	32.0088, 30.7915, 7.3883
YIQ	146.5760, 59.0110, -17.7010

# Conversions

## Conversions Part 2

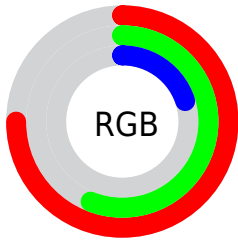
Format	Color
<a href="#">RYB</a>	<a href="#">128, 192, 51</a>
Decimal	<a href="#">12619315</a>
CIELab	<a href="#">62.33, 10.23, 53.48</a>
CIElCh	<a href="#">62, 54.449, 79.168</a>
Yxy	<a href="#">30.7915, 0.4560, 0.4387</a>
Android (android.graphics.Color)	<a href="#">4290809395 (0xFFC08E33)</a>
YUV	<a href="#">146.5760, -47.1190, 39.8368</a>
Hunter-Lab	<a href="#">55.4901, 5.8579, 30.9488</a>

# Details

The Hex color **C08E33** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **3365C0**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FCC367**, and **865C00** is the 20% darker color. If you saturate the color by 10%, you get **C08720**, and if you desaturate by 10%, it is **C09546**.

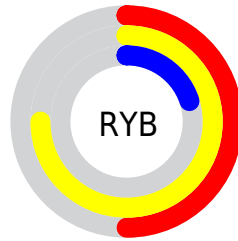
# Distribution



Red (75%)

Green (56%)

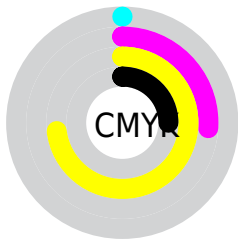
Blue (20%)



Red (50%)

Yellow (75%)

Blue (20%)

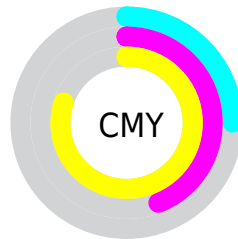


Cyan (0%)

Magenta (26%)

Yellow (73%)

Black (25%)



Cyan (25%)

Magenta (44%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C08E33 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 C08E33 by changing the saturation by 10% instead.



 C08E33

 C08E33

FFFFFF

 A37517

 FCC367

 865C00

 FFDF81

 6A4500

 FFFC9C

 4F2F00

 FFFFFB8

 341A00

 FFFFFD4

 1D0000

 FFFFFFF1

 000000

 C08E33

 C08E33

 C08720

 C09546

 C0800D

 C09C59

 C07C00

 C0A26D

 C0A980

 C0B093

 C0B7A6

 C0BEB9

 C0C4CD

 C0CBE0

# Harmonies

## Analogous

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



E17B4F



C08E33



939E35

# Triad

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



C08E33



00AEB5



C07DD6

# Complementary

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



C08E33



3365C0

# 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.



7A91F2



C08E33



00ABDF

# Square

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



C08E33



00AD83



00A1F5



E66DAA

# Rectangle

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



C08E33



6FA548



00A1F5



AD84E2

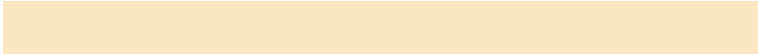


# Sweetspot

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



C08E33



FAE6C3



C03367



7D715C



FCFCFC



7D7D7D



# Same Dimension

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



C08E33



FAAC1E



ADC033



615D57



A16800



211500



# Inverse Universe

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



3365C0



1E6CFA



4633C0



575B61



0039A1



000C21



# Previews

## White Background



This preview shows how the Hex color C08E33 looks on a white background.

## Color Contrast Check

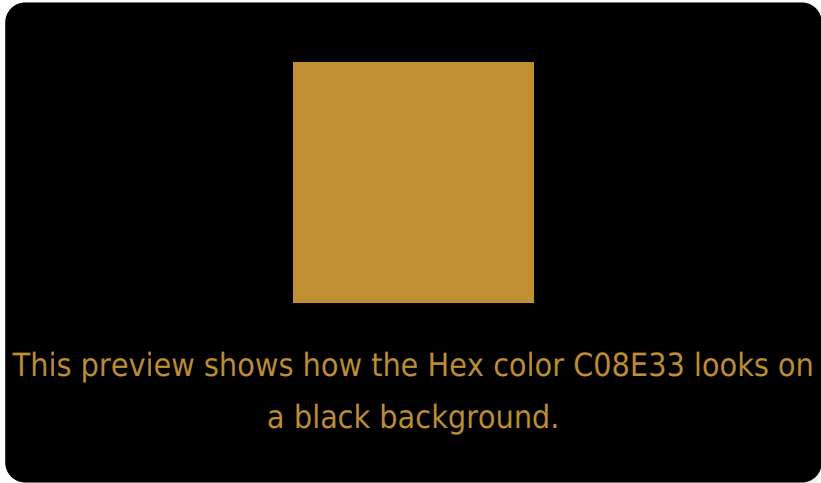
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex C08E33 Background



This preview shows how black text looks on a background with the Hex color C08E33.




This preview shows how white text looks on a background with the Hex color C08E33.

# 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



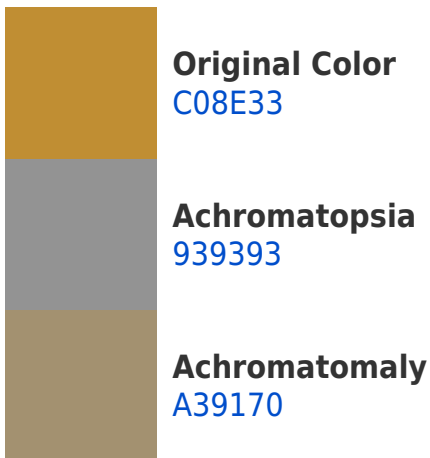


**Tritanopia**  
C6858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C08E33 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 #C08E33 looks like.

```
.text, #text, p{  
    color:#C08E33  
}
```

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 #C08E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C08E33
}
```

## Border

The CSS property to change the border of an element to Hex C08E33 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
#C08E33 }
```

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

```
.border{ border-color:#C08E33 }
```

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

Here you see how a box with a 4 pixel #C08E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C08E33; -webkit-box-shadow:4px 4px  
4px 4px #C08E33; box-shadow:4px 4px 4px  
4px #C08E33 }
```

# Background

The CSS property to change the background color of an element to Hex C08E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C08E33 }
```

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

```
.background{ background-color:#C08E33 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor