

# Converting Colors

Hex(CC9E33)

Have a look what the booklet for  
Hex(CC9E33) contains.

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# **Color**

**Hex(CC9E33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC9E33
RGB	204, 158, 51
RGB Percent	80%, 62%, 20%
CMY	0.2000, 0.3804, 0.8000
CMYK	0.00, 0.23, 0.75, 0.20
HSL	42°, 60%, 50%
HSV	42°, 75%, 80%
XYZ	37.7262, 37.5301, 8.3876
YIQ	159.5560, 61.7630, -23.5250

# Conversions

## Conversions Part 2

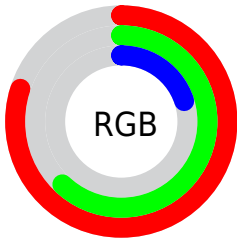
Format	Color
<a href="#">RYB</a>	<a href="#">117, 204, 51</a>
Decimal	<a href="#">13409843</a>
CIELab	<a href="#">67.67, 6.80, 59.16</a>
CIELCh	<a href="#">68, 59.554, 83.447</a>
Yxy	<a href="#">37.5301, 0.4510, 0.4487</a>
Android (android.graphics.Color)	<a href="#">4291599923</a> ( <a href="#">0xFFCC9E33</a> )
YUV	<a href="#">159.5560, -53.5181, 38.9774</a>
Hunter-Lab	<a href="#">61.2618, 2.7156, 34.7656</a>

# Details

The Hex color **CC9E33** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3361CC**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD469**, and **916B00** is the 20% darker color. If you saturate the color by 10%, you get **CC981F**, and if you desaturate by 10%, it is **CCA447**.

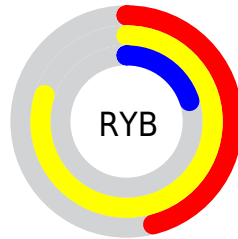
# Distribution



Red (80%)

Green (62%)

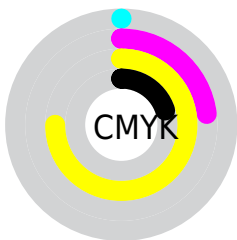
Blue (20%)



Red (46%)

Yellow (80%)

Blue (20%)

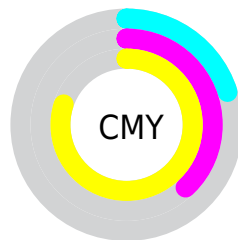


Cyan (0%)

Magenta (23%)

Yellow (75%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC9E33 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 CC9E33 by changing the saturation by 10% instead.



 CC9E33

 CC9E33

FFFFFF

 AE8414

 FFD469

 916B00

 FFF183

 755300

 FFFF9F

 593C00

 FFFFBB

 3E2700

 FFFFD7

 251300

 FFFFF4

 000000

 CC9E33

 CC9E33

 CC981F

 CCA447

 CC920A

 CCAA5C

 CC8F00

 CCB070

 CCB785

 CCBD99

 CCC3AD

 CCC9C2

 CCCFD6

 CCD5EB

# Harmonies

## Analogous

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



F3894F



CC9E33



99AF3B

# Triad

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



CC9E33



00BFCE



DB85E6

# Complementary

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



CC9E33



3361CC

# 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.



929CFF



CC9E33



00BAFA

# Square

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



CC9E33



00BE97



00AEFF



FF75B3

# Rectangle

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



CC9E33



6FB653



00AEFF



C78CF3

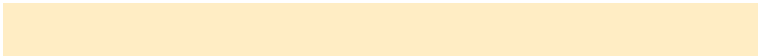


# Sweetspot

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



CC9E33



FFEDC4



CC3363



80755C



000000



808080



# Same Dimension

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



CC9E33



FFBA19



B0CC33



66635C



A67400



261B00



# Inverse Universe

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



3361CC



195EFF



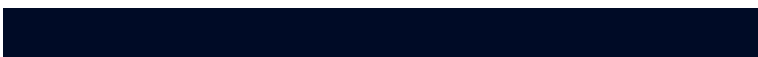
4F33CC



5C5F66



0032A6



000B26



# Previews

## White Background



This preview shows how the Hex color CC9E33 looks on a white background.

## Color Contrast Check

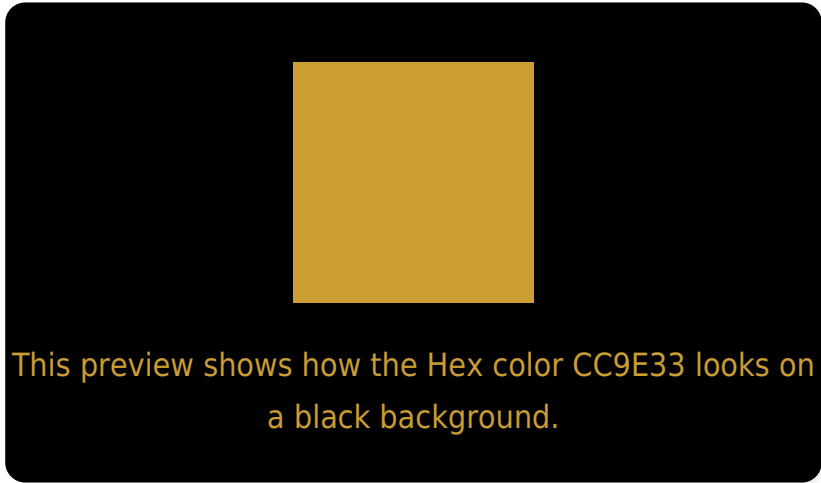
Large Text (above 18pt) WCAG AA × Fail

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 CC9E33 Background



This preview shows how black text looks on a background with the Hex color CC9E33.



This preview shows how white text looks on a background with the Hex color CC9E33.

# 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**  
CC9E33

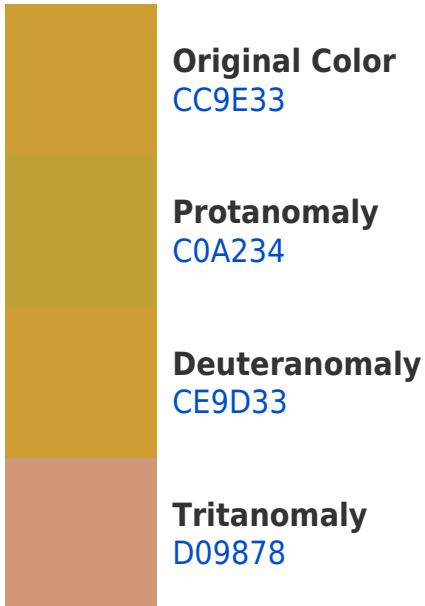
**Protanopia**  
B9A535

**Deuteranopia**  
CF9D33

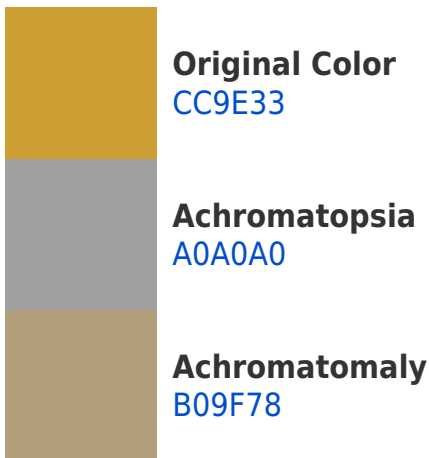


**Tritanopia**  
D3949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC9E33 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 #CC9E33 looks like.

```
.text, #text, p{  
    color:#CC9E33  
}
```

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 #CC9E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9E33
}
```

## Border

The CSS property to change the border of an element to Hex CC9E33 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
#CC9E33 }
```

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

```
.border{ border-color:#CC9E33 }
```

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

Here you see how a box with a 4 pixel #CC9E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9E33; -webkit-box-shadow:4px 4px  
4px 4px #CC9E33; box-shadow:4px 4px 4px  
4px #CC9E33 }
```

# Background

The CSS property to change the background color of an element to Hex CC9E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9E33 }
```

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

```
.background{ background-color:#CC9E33 }
```

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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