

# Converting Colors

Hex(CA9334)

Have a look what the booklet for  
Hex(CA9334) contains.

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**Color**

**Hex(CA9334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA9334
RGB	202, 147, 52
RGB Percent	79%, 58%, 20%
CMY	0.2078, 0.4235, 0.7961
CMYK	0.00, 0.27, 0.74, 0.21
HSL	38°, 59%, 50%
HSV	38°, 74%, 79%
XYZ	35.4107, 33.6719, 7.8818
YIQ	152.6150, 63.2750, -17.8850

# Conversions

## Conversions Part 2

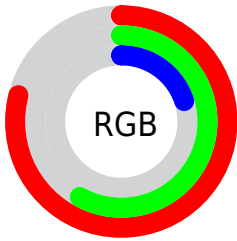
Format	Color
<b>RYB</b>	139, 202, 52
Decimal	13275956
CIELab	64.70, 11.93, 55.79
CIELCh	65, 57.049, 77.931
Yxy	33.6719, 0.4601, 0.4375
Android (android.graphics.Color)	4291466036 (0xFFCA9334)
YUV	152.6150, -49.6032, 43.3106
Hunter-Lab	58.0275, 7.3796, 32.5660

# Details

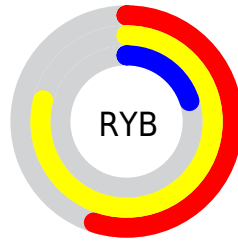
The Hex color **CA9334** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **346BCA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC968**, and **8F6100** is the 20% darker color. If you saturate the color by 10%, you get **CA8C20**, and if you desaturate by 10%, it is **CA9A48**.

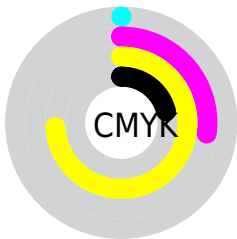
# Distribution



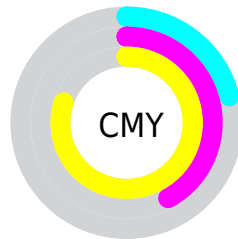
- Red (79%)
- Green (58%)
- Blue (20%)



- Red (55%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (27%)
- Yellow (74%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA9334 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 CA9334 by changing the saturation by 10% instead.



CA9334

CA9334

FFFFFF

AC7917

FFC968

8F6100

FFE583

734900

FFFF9E

573300

FFFFBA

3C1E00

FFFFD6

240700

FFFFF3

000000

CA9334

CA9334

CA8C20

CA9A48

■ CA840C

■ CAA25C

■ CA8000

■ CAA971

■ CAB185

■ CAB899

■ CABFAD

■ CAC7C1

■ CACED6

■ CAD6EA

# Harmonies

## Analogous

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



EC7F53



CA9334



9BA434

# Triad

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



CA9334



00B6BB



C683E2

# Complementary

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



CA9334



346BCA

# 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.



7A98FE



CA9334



00B2E8

# Square

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



CA9334



00B586



00A9FF



F071B4

# Rectangle

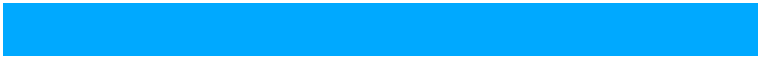
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CA9334



76AC48



00A9FF



B18AEE



# Sweetspot

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



CA9334



FFEAC7



CA346B



80735E



000000



808080



# Same Dimension

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



CA9334



FFAC1C



B6CA34



66625C



A66900



261800



# Inverse Universe

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



346BCA



1C6FFF



4834CA



5C6066



003DA6



000E26



# Previews

## White Background



This preview shows how the Hex color CA9334 looks on a white background.

## Color Contrast Check

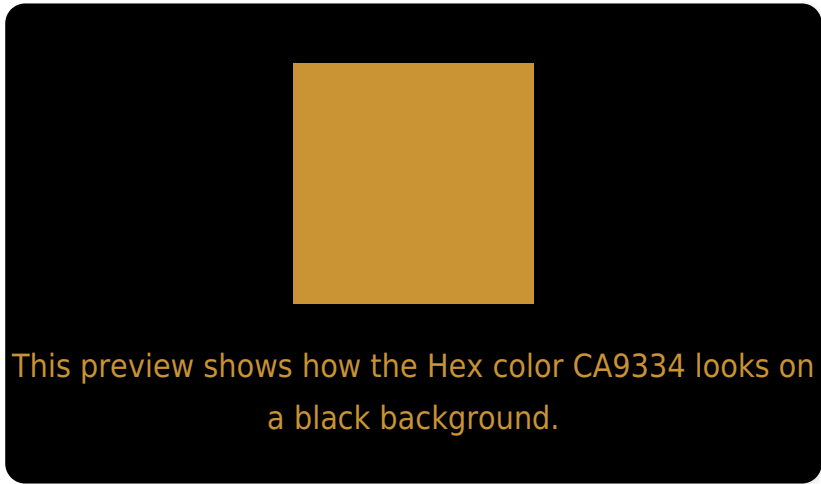
Large Text (above 18pt) WCAG AA × Fail

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 CA9334 Background



This preview shows how black text looks on a background with the Hex color CA9334.



This preview shows how white text looks on a background with the Hex color CA9334.

# 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**  
CA9334

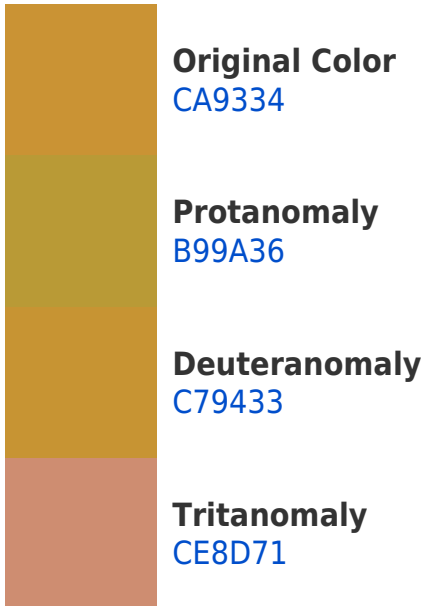
**Protanopia**  
B09E37

**Deuteranopia**  
C59533

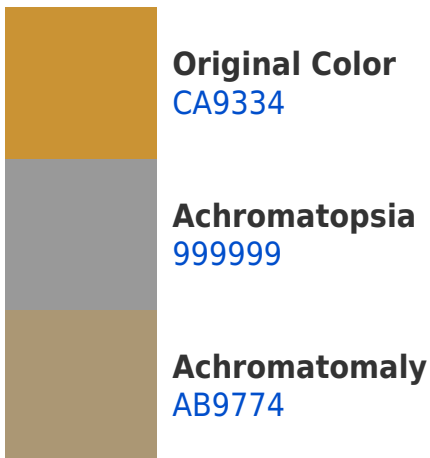


**Tritanopia**  
D08A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA9334 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 #CA9334 looks like.

```
.text, #text, p{  
    color:#CA9334  
}
```

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 #CA9334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9334
}
```

## Border

The CSS property to change the border of an element to Hex CA9334 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
#CA9334 }
```

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

```
.border{ border-color:#CA9334 }
```

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

Here you see how a box with a 4 pixel #CA9334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9334; -webkit-box-shadow:4px 4px  
4px 4px #CA9334; box-shadow:4px 4px 4px  
4px #CA9334 }
```

# Background

The CSS property to change the background color of an element to Hex CA9334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9334 }
```

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

```
.background{ background-color:#CA9334 }
```

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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