

# Converting Colors

Hex(CC9322)

Have a look what the booklet for  
Hex(CC9322) contains.

<b>Hex(CC9322)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CC9322)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC9322
RGB	204, 147, 34
RGB Percent	80%, 58%, 13%
CMY	0.2000, 0.4235, 0.8667
CMYK	0.00, 0.28, 0.83, 0.20
HSL	40°, 71%, 47%
HSV	40°, 83%, 80%
XYZ	35.6243, 33.8203, 6.1637
YIQ	151.1610, 70.2450, -23.0590

# Conversions

## Conversions Part 2

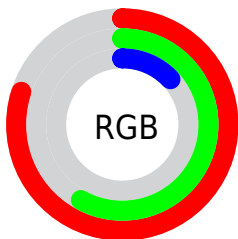
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 204, 34</a>
Decimal	<a href="#">13407010</a>
CIELab	<a href="#">64.82, 12.14, 62.55</a>
CIELCh	<a href="#">65, 63.718, 79.017</a>
Yxy	<a href="#">33.8203, 0.4712, 0.4473</a>
Android (android.graphics.Color)	<a href="#">4291597090</a> ( <a href="#">0xFFCC9322</a> )
YUV	<a href="#">151.1610, -57.7604, 46.3398</a>
Hunter-Lab	<a href="#">58.1552, 7.5726, 34.4246</a>

# Details

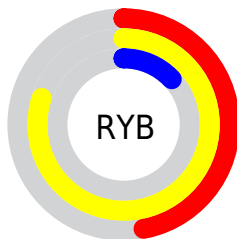
The Hex color **CC9322** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **225BCC**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC95A**, and **916100** is the 20% darker color. If you saturate the color by 10%, you get **CC8C0E**, and if you desaturate by 10%, it is **CC9A36**.

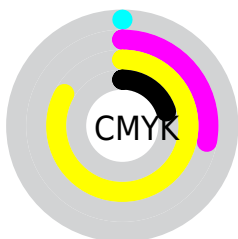
# Distribution



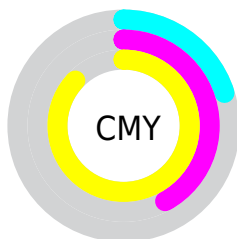
- Red (80%)
- Green (58%)
- Blue (13%)



- Red (47%)
- Yellow (80%)
- Blue (13%)



- Cyan (0%)
- Magenta (28%)
- Yellow (83%)
- Black (20%)



- Cyan (20%)
- Magenta (42%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC9322 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 CC9322 by changing the saturation by 10% instead.



 CC9322

 CC9322

FFFFFF

 AE7900

 FFC95A

 916100

 FFE575

 744900

 FFFF90

 583300

 FFFFAC

 3D1E00

 FFFFC8

 240700

 FFFF E5

 000000

 CC9322

 CC9322

 CC8C0E

 CC9A36

■ CC8800

■ CCA14B

■ CCA85F

■ CCAE74

■ CCB588

■ CCBC9C

■ CCC3B1

■ CCCAC5

■ CCD1DA

# Harmonies

## Analogous

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



F27C48



CC9322



98A523

# Triad

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



CC9322



00B8C1



CD7EE9

# Complementary

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



CC9322



225BCC

# 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.



7697FF



CC9322



00B5F2

# Square

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



CC9322



00B786



00AAFF



FA6AB5

# Rectangle

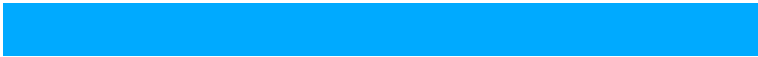
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CC9322



6DAE3E



00A AFF



B687F6



# Sweetspot

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



CC9322



FFEABF



CC225D



807359



000000



808080



# Same Dimension

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



CC9322



FFA900



B3CC22



66635C



A66E00



261900



# Inverse Universe

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



225BCC



0056FF



3C22CC



5C5F66



0038A6



000D26



# Previews

## White Background



This preview shows how the Hex color CC9322 looks on a white background.

## Color Contrast Check

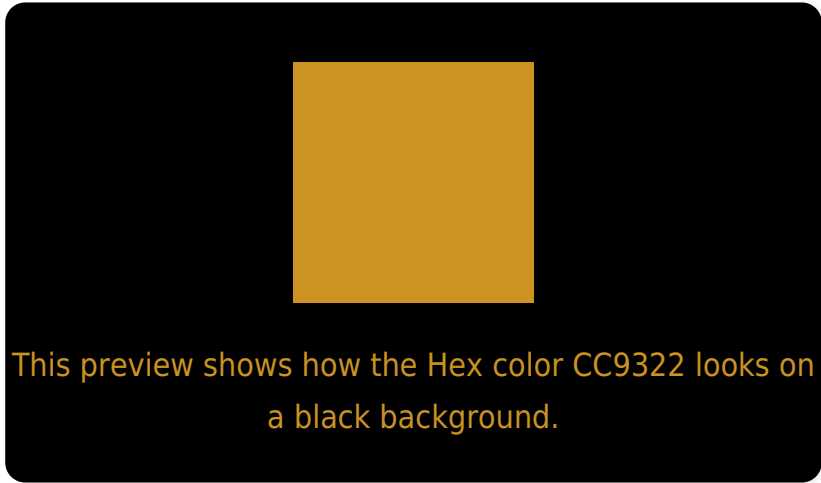
Large Text (above 18pt) WCAG AA × Fail

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 CC9322 Background



This preview shows how black text looks on a background with the Hex color CC9322.



This preview shows how white text looks on a background with the Hex color CC9322.

# 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**  
CC9322

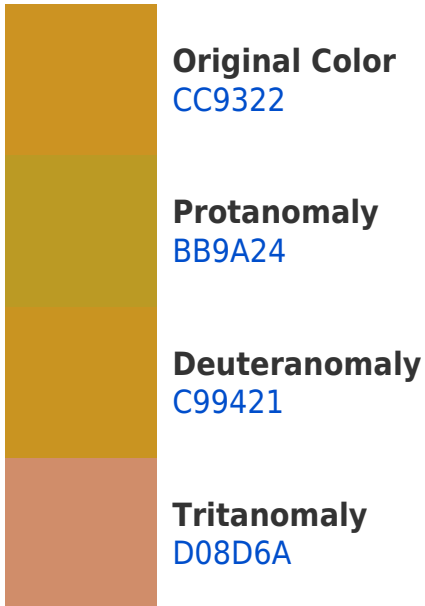
**Protanopia**  
B19E25

**Deuteranopia**  
C79521



**Tritanopia**  
D38993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC9322 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 #CC9322 looks like.

```
.text, #text, p{  
    color:#CC9322  
}
```

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 #CC9322 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9322
}
```

## Border

The CSS property to change the border of an element to Hex CC9322 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
#CC9322 }
```

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

```
.border{ border-color:#CC9322 }
```

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

Here you see how a box with a 4 pixel #CC9322 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9322; -webkit-box-shadow:4px 4px  
4px 4px #CC9322; box-shadow:4px 4px 4px  
4px #CC9322 }
```

# Background

The CSS property to change the background color of an element to Hex CC9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9322 }
```

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

```
.background{ background-color:#CC9322 }
```

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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