

# Converting Colors

Hex(CE9204)

Have a look what the booklet for  
Hex(CE9204) contains.

<b>Hex(CE9204)</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(CE9204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE9204
RGB	206, 146, 4
RGB Percent	81%, 57%, 2%
CMY	0.1922, 0.4275, 0.9843
CMYK	0.00, 0.29, 0.98, 0.19
HSL	42°, 96%, 41%
HSV	42°, 98%, 81%
XYZ	35.7544, 33.6883, 4.7329
YIQ	147.7520, 81.3420, -31.4420

# Conversions

## Conversions Part 2

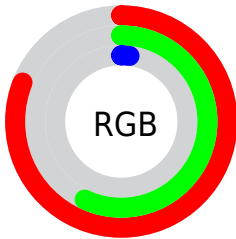
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 206, 4
Decimal	13537796
CIELab	64.71, 13.03, 68.84
CIELCh	65, 70.064, 79.281
Yxy	33.6883, 0.4820, 0.4542
Android (android.graphics.Color)	4291727876 (0xFFCE9204)
YUV	147.7520, -70.8697, 51.0835
Hunter-Lab	58.0417, 8.3853, 35.7945

# Details

The Hex color **CE9204** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0440CE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFC84B**, and **926000** is the 20% darker color. If you saturate the color by 10%, you get **CE9100**, and if you desaturate by 10%, it is **CE9819**.

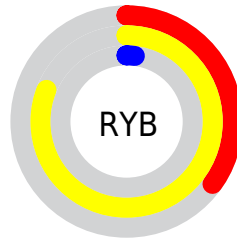
# Distribution



Red (81%)

Green (57%)

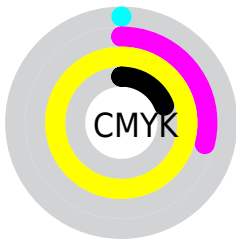
Blue (2%)



Red (35%)

Yellow (81%)

Blue (2%)

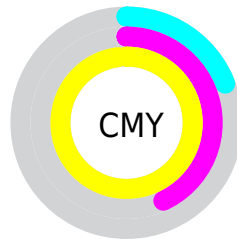


Cyan (0%)

Magenta (29%)

Yellow (98%)

Black (19%)



Cyan (19%)

Magenta (43%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE9204 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 CE9204 by changing the saturation by 10% instead.



 CE9204

 CE9204

FFFFFF

 B07800

 FFC84B

 926000

 FFE466

 754800

 FFFF82

 583200

 FFFF9E

 3D1D00

 FFFFBA

 250600

 FFFFD7

 000000

 FFFFF4

 CE9204

 CE9204

■ CE9100

■ CE9819

■ CE9E2D

■ CEA442

■ CEEA56

■ CEB16B

■ CEB780

■ CEBD94

■ CEC3A9

■ CEC9BD

# Harmonies

## Analogous

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



F8783E



CE9204



95A606

# Triad

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



CE9204



00BAC5



D279F0

# Complementary

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



CE9204



0440CE

# 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.



6D96FF



CE9204



00B6FB

# Square

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



CE9204



00B984



00ABFF



FF61B6

# Rectangle

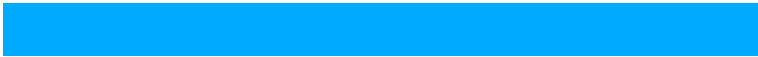
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CE9204



65AF31



00ABFF



B883FF



# Sweetspot

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



CE9204



FFE9B5



CE0441



807253



000000



808080



# Same Dimension

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



CE9204



FFB300



A6CE04



66635C



A67500



261B00



# Inverse Universe

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



0440CE



004CFF



2C04CE



5C5F66



0031A6

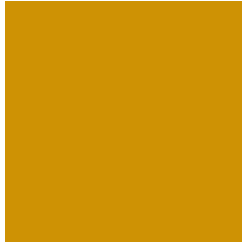


000B26



# Previews

## White Background



This preview shows how the Hex color CE9204 looks on a white background.

## Color Contrast Check

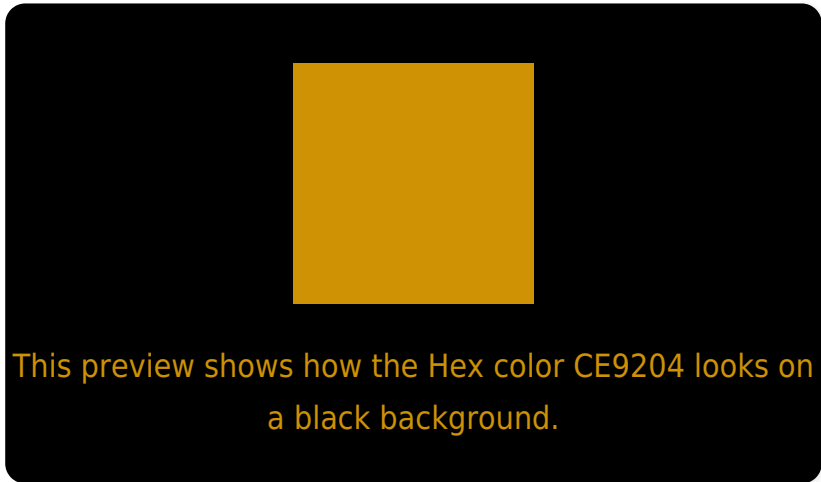
Large Text (above 18pt) WCAG AA × Fail

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 CE9204 Background



This preview shows how black text looks on a background with the Hex color CE9204.



This preview shows how white text looks on a background with the Hex color CE9204.

# 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**  
CE9204

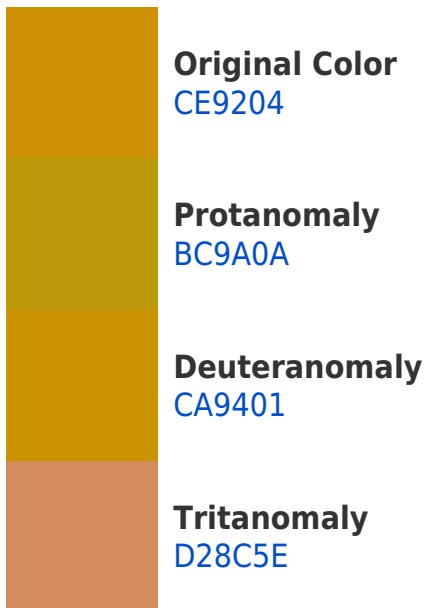
**Protanopia**  
B29E0D

**Deuteranopia**  
C79500



**Tritanopia**  
D58892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE9204 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 #CE9204 looks like.

```
.text, #text, p{  
    color:#CE9204  
}
```

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 #CE9204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9204
}
```

## Border

The CSS property to change the border of an element to Hex CE9204 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
#CE9204 }
```

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

```
.border{ border-color:#CE9204 }
```

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

Here you see how a box with a 4 pixel #CE9204 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9204; -webkit-box-shadow:4px 4px  
4px 4px #CE9204; box-shadow:4px 4px 4px  
4px #CE9204 }
```

# Background

The CSS property to change the background color of an element to Hex CE9204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9204 }
```

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

```
.background{ background-color:#CE9204 }
```

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