

# Converting Colors

Hex(CD9220)

Have a look what the booklet for  
Hex(CD9220) contains.

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# **Color**

**Hex(CD9220)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD9220
RGB	205, 146, 32
RGB Percent	80%, 57%, 13%
CMY	0.1961, 0.4275, 0.8745
CMYK	0.00, 0.29, 0.84, 0.20
HSL	40°, 73%, 46%
HSV	40°, 84%, 80%
XYZ	35.7164, 33.6412, 5.9774
YIQ	150.6450, 71.7580, -22.9460

# Conversions

## Conversions Part 2

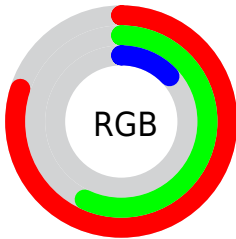
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 205, 32
Decimal	13472288
CIE <sub>Lab</sub>	64.68, 13.07, 63.09
CIE <sub>LCh</sub>	65, 64.425, 78.298
Yxy	33.6412, 0.4741, 0.4466
Android (android.graphics.Color)	4291662368 (0xFFCD9220)
YUV	150.6450, -58.4920, 47.6693
Hunter-Lab	58.0010, 8.4167, 34.4904

# Details

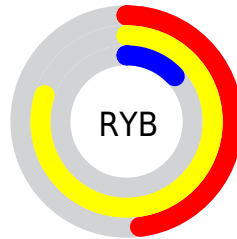
The Hex color **CD9220** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **205BCD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC858**, and **926000** is the 20% darker color. If you saturate the color by 10%, you get **CD8B0C**, and if you desaturate by 10%, it is **CD9935**.

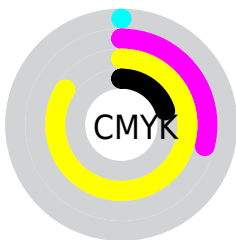
# Distribution



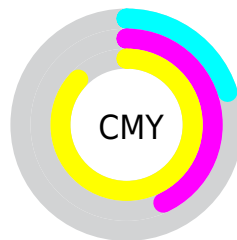
- Red (80%)
- Green (57%)
- Blue (13%)



- Red (48%)
- Yellow (80%)
- Blue (13%)



- Cyan (0%)
- Magenta (29%)
- Yellow (84%)
- Black (20%)



- Cyan (20%)
- Magenta (43%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD9220 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 CD9220 by changing the saturation by 10% instead.



 CD9220

 CD9220

FFFFFF

 AF7800

 FFC858

 926000

 FFE473

 754800

 FFFF8F

 583200

 FFFFAA

 3D1D00

 FFFFC7

 250600

 FFFF E3

 000000

 CD9220

 CD9220

 CD8B0C

 CD9935

■ CD8700

■ CDA049

■ CDA75E

■ CDAE72

■ CDB586

■ CDBC9B

■ CDC3B0

■ CDCAC4

■ CDD1D9

# Harmonies

## Analogous

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



F37A48



CD9220



99A520

# Triad

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



CD9220



00B8BF



CC7EEA

# Complementary

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



CD9220



205BCD

# 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.



7197FF



CD9220



00B5F2

# Square

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



CD9220



00B784



00AAFF



FA69B6

# Rectangle

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



CD9220



6EAD3B



00A AFF



B486F8



# Sweetspot

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



CD9220



FFE9BF



CD205D



807259



000000



808080



# Same Dimension

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



CD9220



FFA800



B3CD20



66635C



A66D00



261900



# Inverse Universe

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



205BCD



0057FF



3A20CD



5C5F66



0039A6



000D26



# Previews

## White Background



This preview shows how the Hex color CD9220 looks on a white background.

## Color Contrast Check

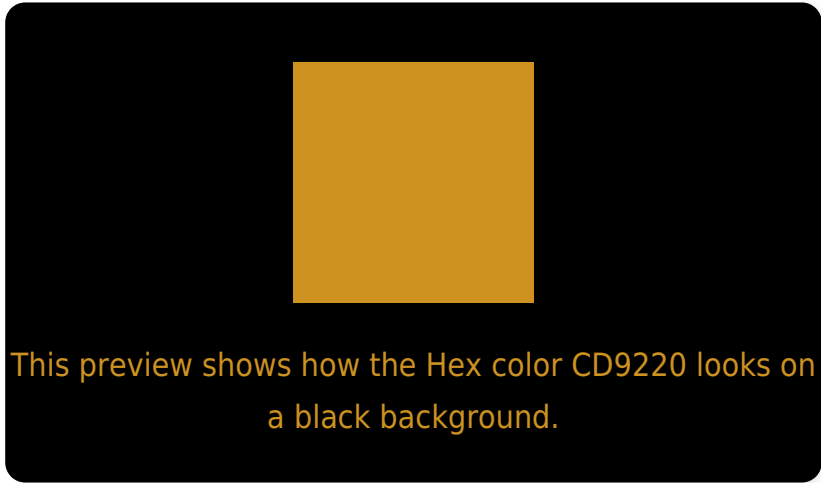
Large Text (above 18pt) WCAG AA × Fail

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 CD9220 Background



This preview shows how black text looks on a background with the Hex color CD9220.



This preview shows how white text looks on a background with the Hex color CD9220.

# 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**  
CD9220

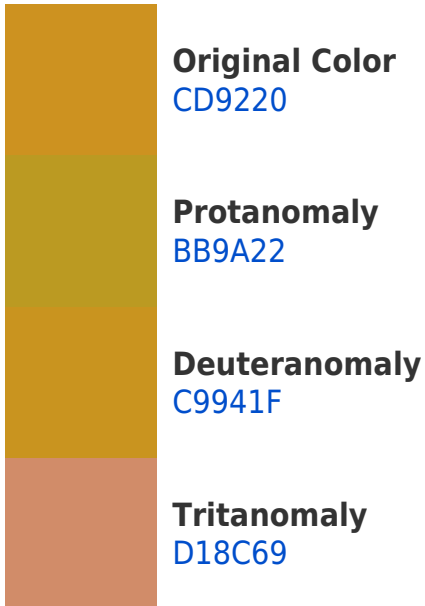
**Protanopia**  
B19E23

**Deuteranopia**  
C6951E



**Tritanopia**  
D38892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD9220 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 #CD9220 looks like.

```
.text, #text, p{  
    color:#CD9220  
}
```

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 #CD9220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD9220
}
```

## Border

The CSS property to change the border of an element to Hex CD9220 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
#CD9220 }
```

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

```
.border{ border-color:#CD9220 }
```

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

Here you see how a box with a 4 pixel #CD9220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD9220; -webkit-box-shadow:4px 4px  
4px 4px #CD9220; box-shadow:4px 4px 4px  
4px #CD9220 }
```

# Background

The CSS property to change the background color of an element to Hex CD9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD9220 }
```

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

```
.background{ background-color:#CD9220 }
```

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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