

# Converting Colors

Hex(CD9A05)

Have a look what the booklet for  
Hex(CD9A05) contains.

<b>Hex(CD9A05)</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(CD9A05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD9A05
RGB	205, 154, 5
RGB Percent	80%, 60%, 2%
CMY	0.1961, 0.3961, 0.9804
CMYK	0.00, 0.25, 0.98, 0.20
HSL	45°, 95%, 41%
HSV	45°, 98%, 80%
XYZ	36.7598, 36.1013, 5.1744
YIQ	152.2630, 78.2250, -35.5270

# Conversions

## Conversions Part 2

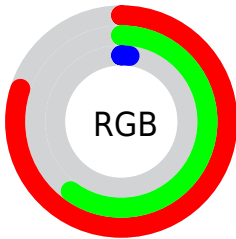
Format	Color
<a href="#">RYB</a>	<a href="#">73, 205, 5</a>
Decimal	<a href="#">13474309</a>
CIELab	<a href="#">66.60, 8.27, 69.97</a>
CIElCh	<a href="#">67, 70.453, 83.260</a>
Yxy	<a href="#">36.1013, 0.4711, 0.4626</a>
Android (android.graphics.Color)	<a href="#">4291664389</a> ( <a href="#">0xFFCD9A05</a> )
YUV	<a href="#">152.2630, -72.6007, 46.2503</a>
Hunter-Lab	<a href="#">60.0844, 4.0593, 36.9531</a>

# Details

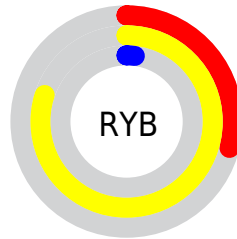
The Hex color **CD9A05** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0538CD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFD04D**, and **916700** is the 20% darker color. If you saturate the color by 10%, you get **CD9900**, and if you desaturate by 10%, it is **CD9F1A**.

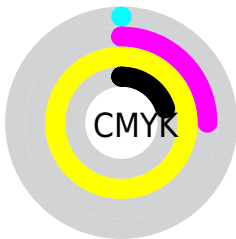
# Distribution



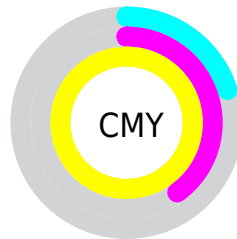
- Red (80%)
- Green (60%)
- Blue (2%)



- Red (29%)
- Yellow (80%)
- Blue (2%)



- Cyan (0%)
- Magenta (25%)
- Yellow (98%)
- Black (20%)



- Cyan (20%)
- Magenta (40%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD9A05 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 CD9A05 by changing the saturation by 10% instead.



 CD9A05

 CD9A05

FFFFFF

 AF8000

 FFD04D

 916700

 FFEC68

 755000

 FFFF84

 583900

 FFFFA0

 3D2400

 FFFFBD

 241000

 FFFFD9

 000000

 FFFFF7

 CD9A05

 CD9A05

■ CD9900

■ CD9F1A

■ CDA42E

■ CDAA42

■ CDAF57

■ CDB46C

■ CDB980

■ CDBF95

■ CDC4A9

■ CDC9BE

# Harmonies

## Analogous

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



FA803B



CD9A05



91AD17

# Triad

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



CD9A05



00BFD2



E07AEF

# Complementary

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



CD9A05



0538CD

# 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.



8597FF



CD9A05



00BAFF

# Square

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



CD9A05



00BF91



00AEFF



FF64B3

# Rectangle

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



CD9A05



5EB63E



00AEFF



C884FF



# Sweetspot

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



CD9A05



FFECB5



CD053A



807453



000000



808080



# Same Dimension

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



CD9A05



FFBE00



9ECD05



66635C



A67B00



261C00



# Inverse Universe

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



0538CD



0041FF



3405CD



5C5E66



002AA6



000A26



# Previews

## White Background



This preview shows how the Hex color CD9A05 looks on a white background.

## Color Contrast Check

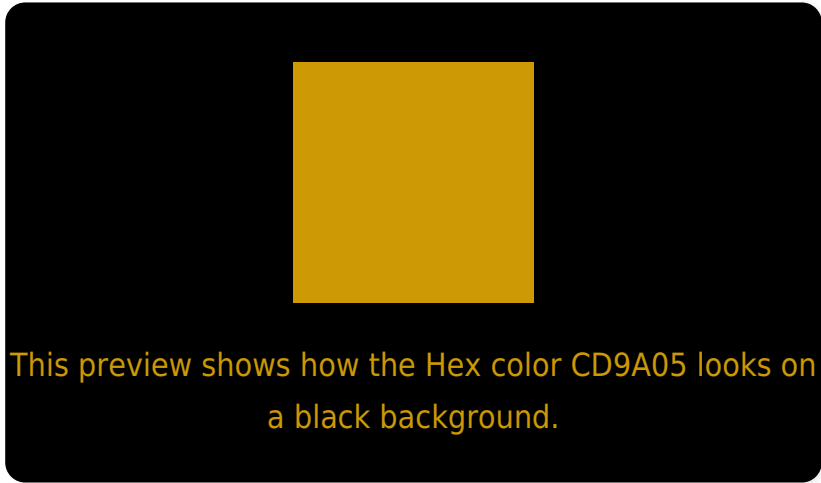
Large Text (above 18pt) WCAG AA × Fail

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 CD9A05 Background



This preview shows how black text looks on a background with the Hex color CD9A05.



This preview shows how white text looks on a background with the Hex color CD9A05.

# 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**  
CD9A05

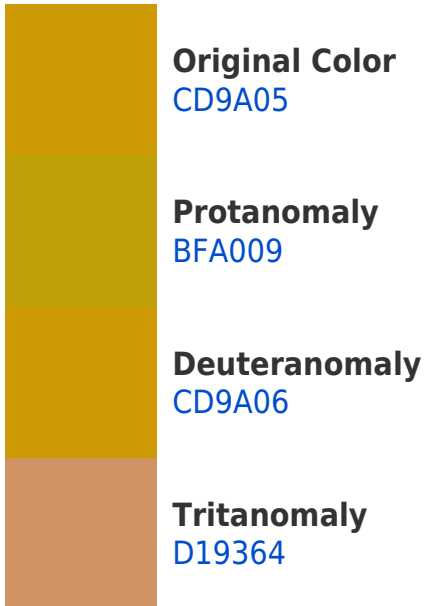
**Protanopia**  
B7A30C

**Deuteranopia**  
CD9A06

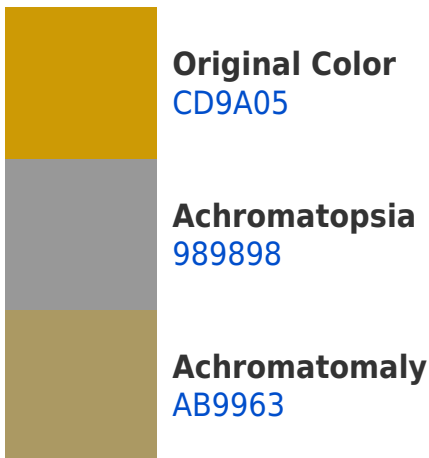


**Tritanopia**  
D48F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD9A05 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 #CD9A05 looks like.

```
.text, #text, p{  
    color:#CD9A05  
}
```

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 #CD9A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD9A05
}
```

## Border

The CSS property to change the border of an element to Hex CD9A05 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
#CD9A05 }
```

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

```
.border{ border-color:#CD9A05 }
```

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

Here you see how a box with a 4 pixel #CD9A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD9A05; -webkit-box-shadow:4px 4px  
4px 4px #CD9A05; box-shadow:4px 4px 4px  
4px #CD9A05 }
```

# Background

The CSS property to change the background color of an element to Hex CD9A05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD9A05 }
```

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

```
.background{ background-color:#CD9A05 }
```

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