

# Converting Colors

Hex(D09500)

Have a look what the booklet for  
Hex(D09500) contains.

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**Color**

**Hex(D09500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D09500
RGB	208, 149, 0
RGB Percent	82%, 58%, 0%
CMY	0.1843, 0.4157, 1.0000
CMYK	0.00, 0.28, 1.00, 0.18
HSL	43°, 100%, 41%
HSV	43°, 100%, 82%
XYZ	36.7599, 34.9048, 4.7998
YIQ	149.6550, 82.9930, -33.8310

# Conversions

## Conversions Part 2

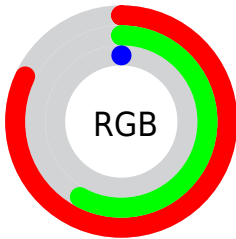
Format	Color
R <sub>Y</sub> B	82, 208, 0
Decimal	13669632
CIE Lab	65.67, 12.25, 70.17
CIE LCh	66, 71.228, 80.100
Yxy	34.9048, 0.4807, 0.4565
Android (android.graphics.Color)	4291859712 (0xFFD09500)
YUV	149.6550, -73.7799, 51.1686
Hunter-Lab	59.0803, 7.6726, 36.5393

# Details

The Hex color **D09500** 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 **003BD0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFCB4A**, and **946300** is the 20% darker color. If you saturate the color by 10%, you get **D09500**, and if you desaturate by 10%, it is **D09B15**.

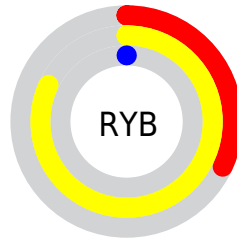
# Distribution



Red (82%)

Green (58%)

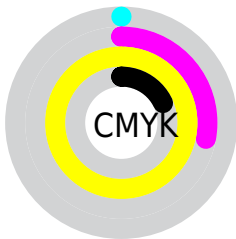
Blue (0%)



Red (32%)

Yellow (82%)

Blue (0%)

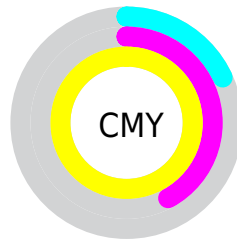


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D09500 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 D09500 by changing the saturation by 10% instead.



 D09500

 D09500

FFFFFF

 B27B00

 FFCB4A

 946300

 FFE766

 774B00

 FFFF82

 5A3400

 FFFF9D

 3F1F00

 FFFFBA

 260A00

 FFFFD7

 000000

 FFFFF4

 D09500

 D09B15

 D0A12A

 D0A73E

 D0AD53

 D0B368

 D0B87D

 D0BE92

 D0C4A6

 D0CABB

# Harmonies

## Analogous

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



FC7A3E



D09500



95A906

# Triad

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



D09500



00BDCA



D77AF2

# Complementary

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



D09500



003BD0

# 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.



7398FF



D09500



00B9FF

# Square

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



D09500



00BC87



00ADFF



FF61B8

# Rectangle

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



D09500



64B233



00ADFF



BD84FF



# Sweetspot

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



D09500



FFE9B3



D0003E



807252



000000



808080



# Same Dimension

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



D09500



FFB700



A6D000



69665E



A87900



291D00



# Inverse Universe

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



003BD0



0048FF



2A00D0



5E6169



0030A8



000C29



# Previews

## White Background



This preview shows how the Hex color D09500 looks on a white background.

## Color Contrast Check

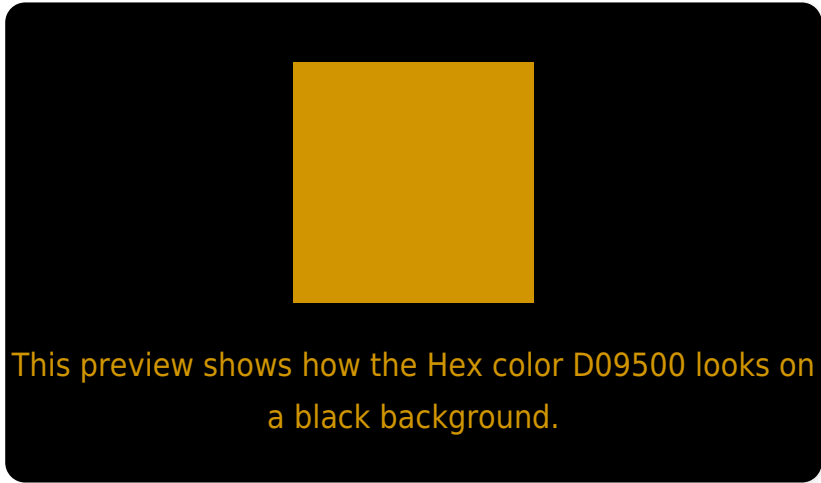
Large Text (above 18pt) WCAG AA × Fail

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 D09500 Background



This preview shows how black text looks on a background with the Hex color D09500.



This preview shows how white text looks on a background with the Hex color D09500.

# 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**  
D09500

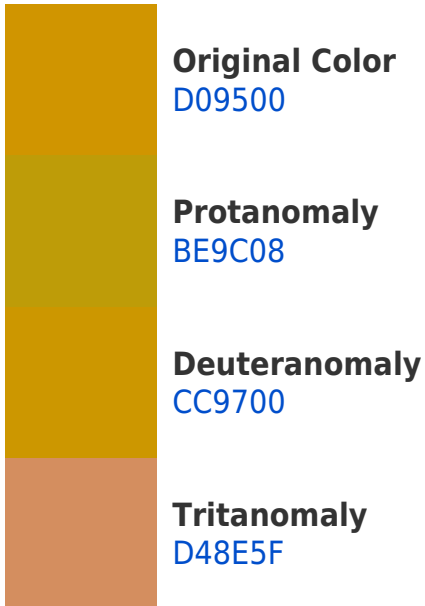
**Protanopia**  
B4A00C

**Deuteranopia**  
CA9800

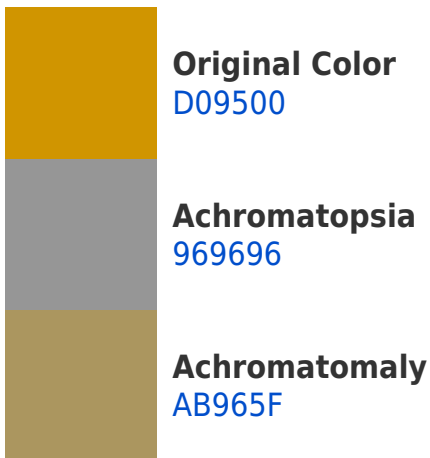


**Tritanopia**  
D78A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D09500 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 #D09500 looks like.

```
.text, #text, p{  
    color:#D09500  
}
```

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 #D09500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09500
}
```

## Border

The CSS property to change the border of an element to Hex D09500 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
#D09500 }
```

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

```
.border{ border-color:#D09500 }
```

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

Here you see how a box with a 4 pixel #D09500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09500; -webkit-box-shadow:4px 4px  
4px 4px #D09500; box-shadow:4px 4px 4px  
4px #D09500 }
```

# Background

The CSS property to change the background color of an element to Hex D09500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09500 }
```

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

```
.background{ background-color:#D09500 }
```

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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