

# Converting Colors

Hex(D09633)

Have a look what the booklet for  
Hex(D09633) contains.

<b>Hex(D09633)</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(D09633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D09633
RGB	208, 150, 51
RGB Percent	82%, 59%, 20%
CMY	0.1843, 0.4118, 0.8000
CMYK	0.00, 0.28, 0.75, 0.18
HSL	38°, 63%, 51%
HSV	38°, 75%, 82%
XYZ	37.5163, 35.4616, 7.9994
YIQ	156.0560, 66.3470, -18.4930

# Conversions

## Conversions Part 2

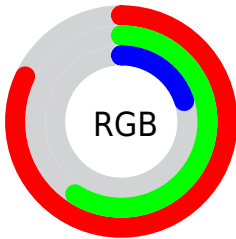
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 208, 51
Decimal	13669939
CIELab	66.11, 12.87, 57.80
CIELCh	66, 59.212, 77.451
Yxy	35.4616, 0.4633, 0.4379
Android (android.graphics.Color)	4291860019 (0xFFD09633)
YUV	156.0560, -51.7926, 45.5549
Hunter-Lab	59.5496, 8.2432, 33.7202

# Details

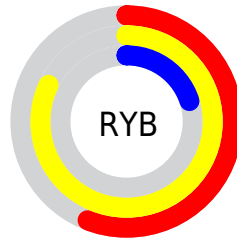
The Hex color **D09633** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **336DD0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFCC68**, and **956300** is the 20% darker color. If you saturate the color by 10%, you get **D08E1E**, and if you desaturate by 10%, it is **D09E48**.

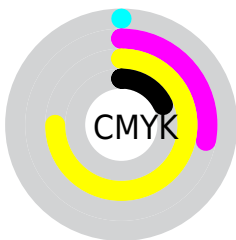
# Distribution



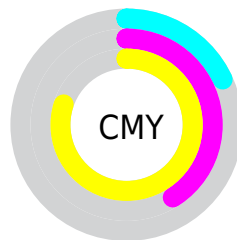
- Red (82%)
- Green (59%)
- Blue (20%)



- Red (56%)
- Yellow (82%)
- Blue (20%)



- Cyan (0%)
- Magenta (28%)
- Yellow (75%)
- Black (18%)



- Cyan (18%)
- Magenta (41%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D09633 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 D09633 by changing the saturation by 10% instead.



 D09633

 D09633

FFFFFF

 B27C15

 FFCC68

 956300

 FFE883

 784C00

 FFFF9E

 5C3500

 FFFFBA

 412000

 FFFFD6

 280B00

 FFFFF3

 000000

 D09633

 D09633

 D08E1E

 D09E48

 D08709

 D0A55D

 D08300

 D0AD71

 D0B586

 D0BC9B

 D0C4B0

 D0CCC5

 D0D3D9

 D0DBEE

# Harmonies

## Analogous

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



F38154



D09633



9FA732

# Triad

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



D09633



00BBBF



CB85E9

# Complementary

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



D09633



336DD0

# 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.



799CFF



D09633



00B7EE

# Square

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



D09633



00B988



00ADFF



F673B9

# Rectangle

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



D09633



78B047



00ADFF



B58DF6

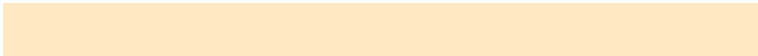


# Sweetspot

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



D09633



FFE9C4



D0336F



80725C



000000



808080



# Same Dimension

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



D09633



FFA917



BED033



69655E



A86A00



291A00



# Inverse Universe

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



336DD0



176DFF



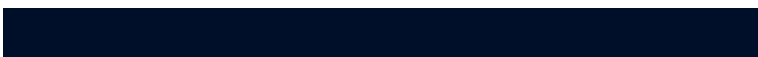
4533D0



5E6269



003EA8



000F29



# Previews

## White Background



This preview shows how the Hex color D09633 looks on a white background.

## Color Contrast Check

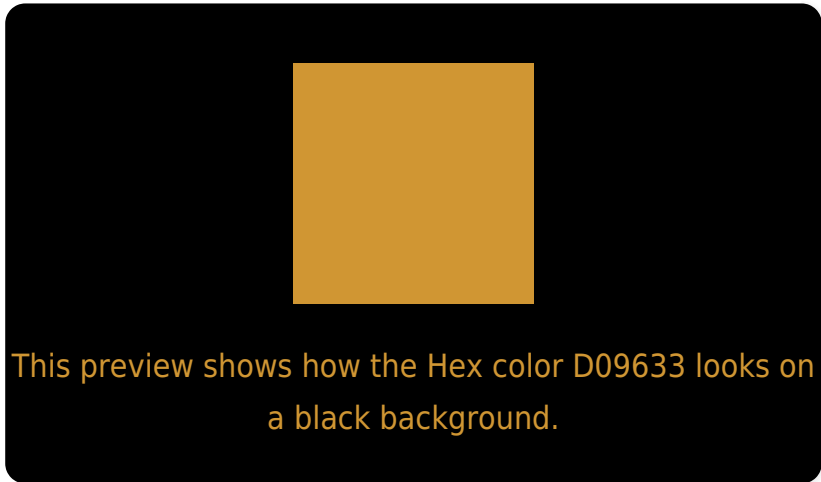
Large Text (above 18pt) WCAG AA × Fail

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 D09633 Background



This preview shows how black text looks on a background with the Hex color D09633.



This preview shows how white text looks on a background with the Hex color D09633.

# 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**  
D09633

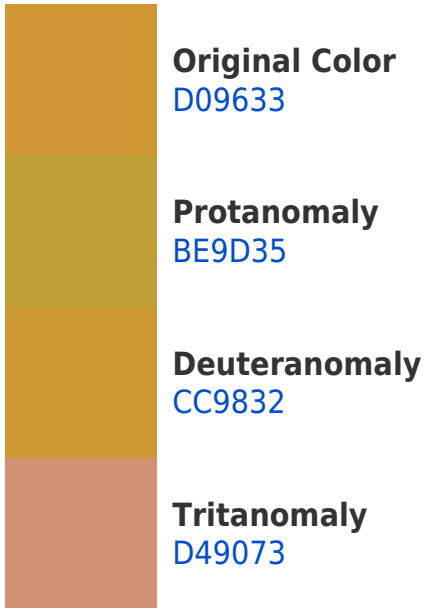
**Protanopia**  
B4A136

**Deuteranopia**  
CA9932

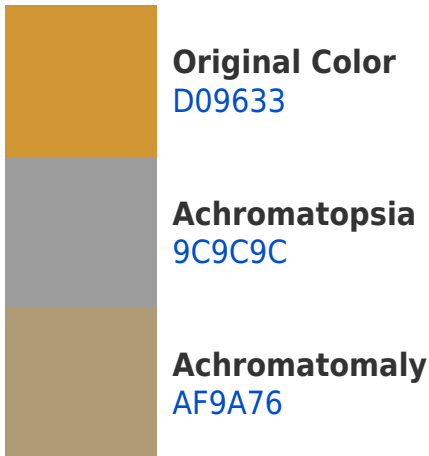


**Tritanopia**  
D68C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D09633 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 #D09633 looks like.

```
.text, #text, p{  
    color:#D09633  
}
```

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 #D09633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09633
}
```

## Border

The CSS property to change the border of an element to Hex D09633 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
#D09633 }
```

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

```
.border{ border-color:#D09633 }
```

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

Here you see how a box with a 4 pixel #D09633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09633; -webkit-box-shadow:4px 4px  
4px 4px #D09633; box-shadow:4px 4px 4px  
4px #D09633 }
```

# Background

The CSS property to change the background color of an element to Hex D09633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09633 }
```

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

```
.background{ background-color:#D09633 }
```

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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