

# Converting Colors

Hex(D09745)

Have a look what the booklet for  
Hex(D09745) contains.

<b>Hex(D09745)</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(D09745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D09745
RGB	208, 151, 69
RGB Percent	82%, 59%, 27%
CMY	0.1843, 0.4078, 0.7294
CMYK	0.00, 0.27, 0.67, 0.18
HSL	35°, 60%, 54%
HSV	35°, 67%, 82%
XYZ	38.1532, 35.9728, 10.5628
YIQ	158.6950, 60.2940, -13.4180

# Conversions

## Conversions Part 2

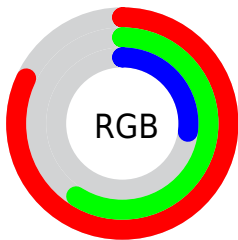
Format	Color
<a href="#">RYB</a>	<a href="#">166, 208, 69</a>
Decimal	<a href="#">13670213</a>
CIELab	<a href="#">66.50, 13.24, 50.34</a>
CIElCh	<a href="#">66, 52.054, 75.268</a>
Yxy	<a href="#">35.9728, 0.4505, 0.4248</a>
Android (android.graphics.Color)	<a href="#">4291860293</a> ( <a href="#">0xFFD09745</a> )
YUV	<a href="#">158.6950, -44.2196, 43.2405</a>
Hunter-Lab	<a href="#">59.9773, 8.5884, 31.5424</a>

# Details

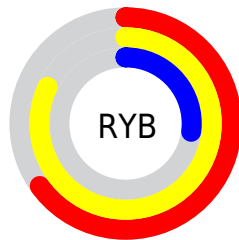
The Hex color **D09745** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **457ED0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFCD79**, and **96640F** is the 20% darker color. If you saturate the color by 10%, you get **D08E30**, and if you desaturate by 10%, it is **D0A05A**.

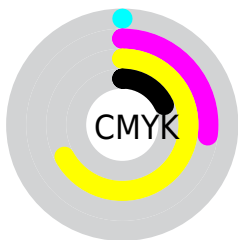
# Distribution



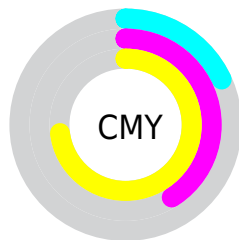
- Red (82%)
- Green (59%)
- Blue (27%)



- Red (65%)
- Yellow (82%)
- Blue (27%)



- Cyan (0%)
- Magenta (27%)
- Yellow (67%)
- Black (18%)



- Cyan (18%)
- Magenta (41%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D09745 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 D09745 by changing the saturation by 10% instead.



 D09745

 D09745

FFFFFF

 B37D2C

 FFCD79

 96640F

 FFE993

 794C00

 FFFFAE

 5E3600

 FFFFCA

 422000

 FFFFEE

 290C00

 000000

 D09745

 D09745

 D08E30

 D0A05A

 D0861B

 D0A86F

 D07D07

 D0B183

 D07B00

 D0B998

 D0C2AD

 D0CAC2

 D0D3D7

 D0DBEB

 D0E4FF

# Harmonies

## Analogous

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



EE8661



D09745



A6A743

# Triad

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



D09745



00B9B9



C48CE4

# Complementary

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



D09745



457ED0

# 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.



7D9EFC



D09745



00B6E3

# Square

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



D09745



07B888



00ADFC



EC7CBB

# Rectangle

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



D09745



84AF52



00ADFC



B092EE

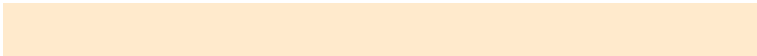


# Sweetspot

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



D09745



FFEACC



D0457F



807361



000000



808080



# Same Dimension

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



D09745



FFAB33



C4D045



69645E



A86300



291800



# Inverse Universe

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



457ED0



3387FF



5145D0



5E6269



0045A8

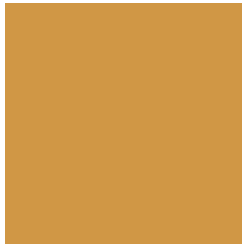


001129



# Previews

## White Background



This preview shows how the Hex color D09745 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

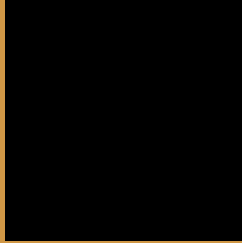
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D09745 Background



This preview shows how black text looks on a background with the Hex color D09745.

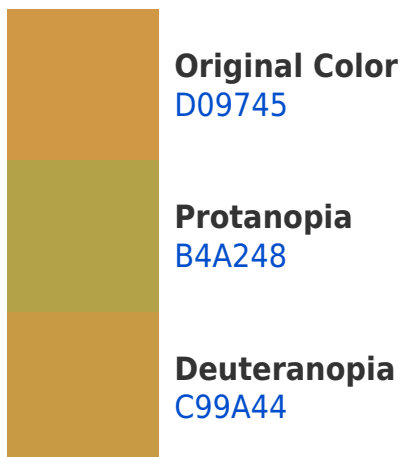



This preview shows how white text looks on a background with the Hex color D09745.

# 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](#).

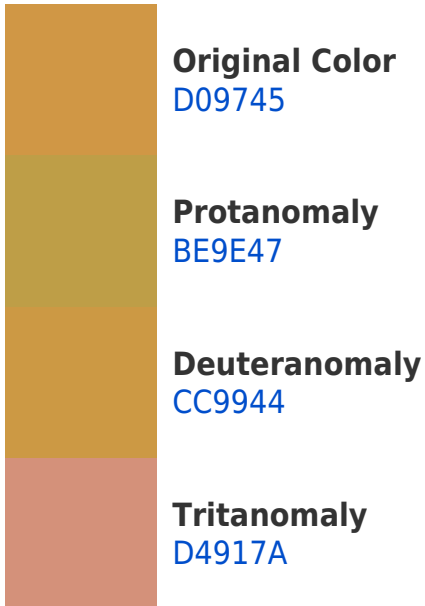
## Dichromacy



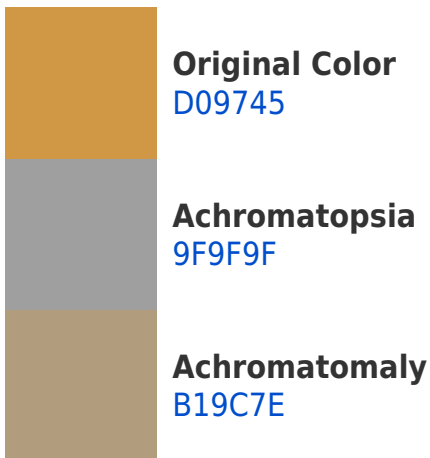


**Tritanopia**  
D68E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D09745 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 #D09745 looks like.

```
.text, #text, p{  
    color:#D09745  
}
```

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 #D09745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09745
}
```

## Border

The CSS property to change the border of an element to Hex D09745 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
#D09745 }
```

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

```
.border{ border-color:#D09745 }
```

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

Here you see how a box with a 4 pixel #D09745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09745; -webkit-box-shadow:4px 4px  
4px 4px #D09745; box-shadow:4px 4px 4px  
4px #D09745 }
```

# Background

The CSS property to change the background color of an element to Hex D09745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09745 }
```

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

```
.background{ background-color:#D09745 }
```

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