

# Converting Colors

Hex(D09A70)

Have a look what the booklet for  
Hex(D09A70) contains.

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**Color**

**Hex(D09A70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D09A70
RGB	208, 154, 112
RGB Percent	82%, 60%, 44%
CMY	0.1843, 0.3961, 0.5608
CMYK	0.00, 0.26, 0.46, 0.18
HSL	26°, 51%, 63%
HSV	26°, 46%, 82%
XYZ	40.4927, 37.6910, 20.4701
YIQ	165.3580, 45.6660, -1.6140

# Conversions

## Conversions Part 2

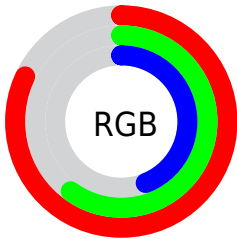
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 187, 112
Decimal	13671024
CIE Lab	67.79, 15.05, 29.90
CIE LCh	68, 33.472, 63.274
Yxy	37.6910, 0.4105, 0.3821
Android (android.graphics.Color)	4291861104 (0xFFD09A70)
YUV	165.3580, -26.3055, 37.3970
Hunter-Lab	61.3930, 10.2947, 23.2061

# Details

The Hex color **D09A70** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70A6D0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFD0A4**, and **97673F** is the 20% darker color. If you saturate the color by 10%, you get **D08E5B**, and if you desaturate by 10%, it is **D0A685**.

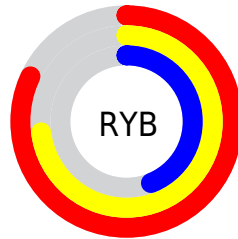
# Distribution



Red (82%)

Green (60%)

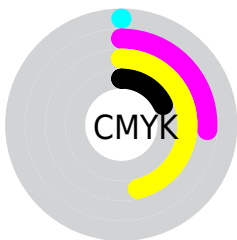
Blue (44%)



Red (82%)

Yellow (73%)

Blue (44%)

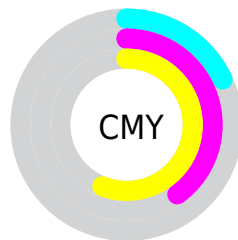


Cyan (0%)

Magenta (26%)

Yellow (46%)

Black (18%)



Cyan (18%)

Magenta (40%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D09A70 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 D09A70 by changing the saturation by 10% instead.



 D09A70

 D09A70

FFFFFF

 B38057


 FFD0A4

 97673F

 FFEDBF

 7C4F29

 FFFFDB

 613812

 FFFFF8

 482200

 2E0D00

 0E0000

 000000

 D09A70

 D09A70

 D08E5B

 D0A685

 D08346

 D0B19A

 D07732

 D0BDAE

 D06B1D

 D0C9C3

 D06008

 D0D5D8

 D05B00

 D0E0ED

 D0ECFF

 D0F8FF

 D0FFFF

# Harmonies

## Analogous

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



DF9186



D09A70



B6A468

# Triad

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



D09A70



4EB6A8



AD9CD8

# Complementary

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



D09A70



70A6D0

# 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.



81A7E1



D09A70



38B4C5

# Square

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



D09A70



72B389



51B0DA



CE92C1

# Rectangle

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



D09A70



A1AB6D



51B0DA



9FA0DC

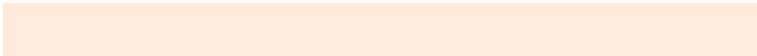


# Sweetspot

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



D09A70



FFEBDB



D070A6



80736A



000000



808080



# Same Dimension

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



D09A70



FFB073



D0CA70



69635E



A84A00



291200

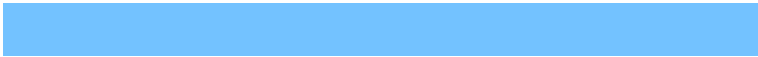


# Inverse Universe

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



70A6D0



73C2FF



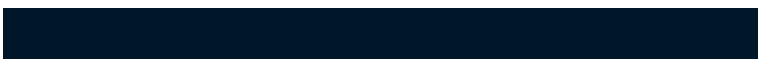
7076D0



5E6469



005FA8



001729



# Previews

## White Background



This preview shows how the Hex color D09A70 looks on a white background.

## Color Contrast Check

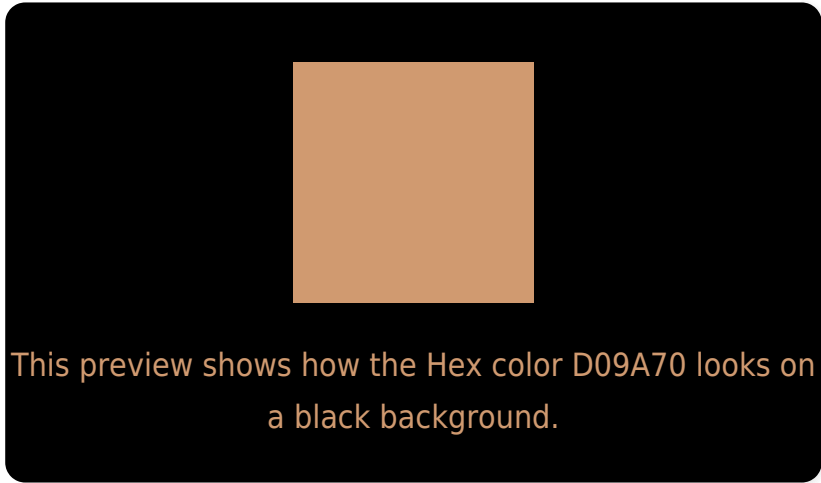
Large Text (above 18pt) WCAG AA × Fail

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

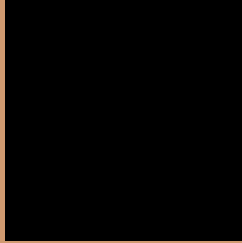
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D09A70 Background



This preview shows how black text looks on a background with the Hex color D09A70.

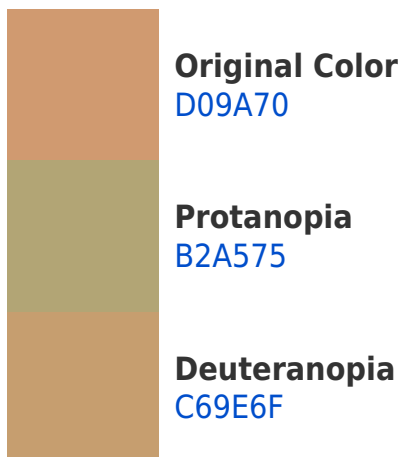



This preview shows how white text looks on a background with the Hex color D09A70.

# 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](#).

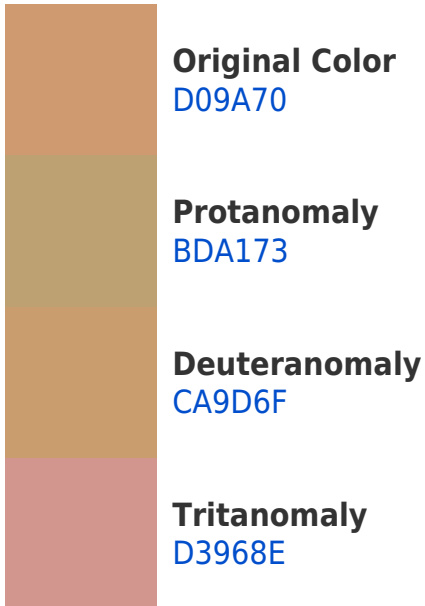
## Dichromacy



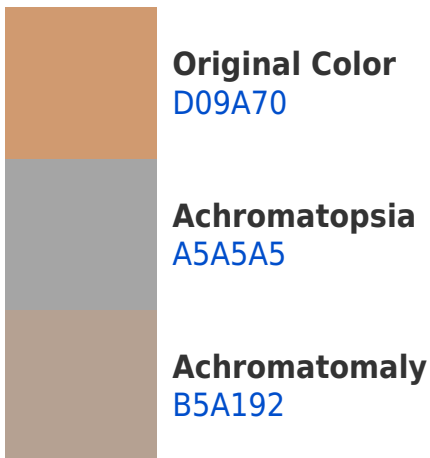


**Tritanopia**  
D4949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D09A70 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 #D09A70 looks like.

```
.text, #text, p{  
    color:#D09A70  
}
```

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 #D09A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09A70
}
```

## Border

The CSS property to change the border of an element to Hex D09A70 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
#D09A70 }
```

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

```
.border{ border-color:#D09A70 }
```

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

Here you see how a box with a 4 pixel #D09A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09A70; -webkit-box-shadow:4px 4px  
4px 4px #D09A70; box-shadow:4px 4px 4px  
4px #D09A70 }
```

# Background

The CSS property to change the background color of an element to Hex D09A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09A70 }
```

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

```
.background{ background-color:#D09A70 }
```

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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