

# Converting Colors

Hex(D09165)

Have a look what the booklet for  
Hex(D09165) contains.

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**Color**

**Hex(D09165)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D09165
RGB	208, 145, 101
RGB Percent	82%, 57%, 40%
CMY	0.1843, 0.4314, 0.6039
CMYK	0.00, 0.30, 0.51, 0.18
HSL	25°, 53%, 61%
HSV	25°, 51%, 82%
XYZ	38.4868, 34.6003, 16.9620
YIQ	158.8210, 51.6720, -0.3280

# Conversions

## Conversions Part 2

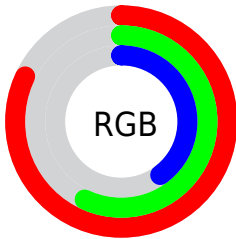
Format	Color
R <sub>Y</sub> B	208, 176, 101
Decimal	13668709
CIE Lab	65.44, 18.89, 32.79
CIE LCh	65, 37.845, 60.056
Yxy	34.6003, 0.4274, 0.3842
Android (android.graphics.Color)	4291858789 (0xFFD09165)
YUV	158.8210, -28.5058, 43.1300
Hunter-Lab	58.8220, 13.8527, 24.0785

# Details

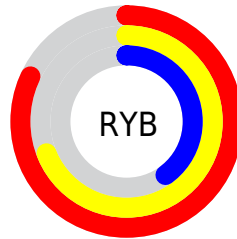
The Hex color **D09165** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65A4D0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFC799**, and **975E35** is the 20% darker color. If you saturate the color by 10%, you get **D08550**, and if you desaturate by 10%, it is **D09D7A**.

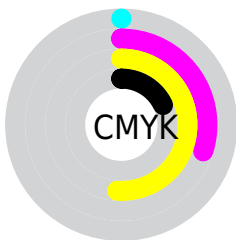
# Distribution



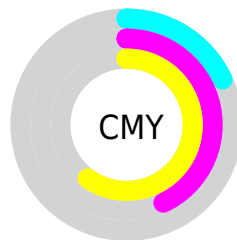
- Red (82%)
- Green (57%)
- Blue (40%)



- Red (82%)
- Yellow (69%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (51%)
- Black (18%)



- Cyan (18%)
- Magenta (43%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D09165 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 D09165 by changing the saturation by 10% instead.



 D09165

 D09165

FFFFFF

 B3774D

 FFC799

 975E35

 FFE3B4

 7B461E

 FFFFCF

 603007

 FFFFEC

 451A00

 2C0400

 000000

 D09165

 D09165

 D08550

 D09D7A

 D0793B

 D0A98F

 D06C27

 D0B6A3

 D06012

 D0C2B8

 D05600

 D0CECD

 D0DAE2

 D0E7F7

 D0F3FF

 D0FFFF

# Harmonies

## Analogous

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



DF877F



D09165



B59D5A

# Triad

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



D09165



36B19E



A296DA

# Complementary

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



D09165



65A4D0

# 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.



6CA2E2



D09165



00B0C0

# Square

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



D09165



69AE7C



25ABD9



C98AC1

# Rectangle

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



D09165



9EA45E



25ABD9



929ADE

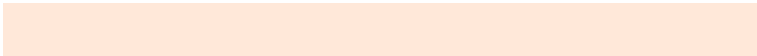


# Sweetspot

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



D09165



FFE8D9



D065A5



807269



000000



808080



# Same Dimension

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



D09165



FFA261



D0C565



69625E



A84500



291100



# Inverse Universe

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



65A4D0



61BEFF



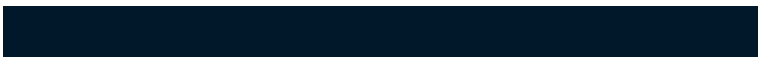
6570D0



5E6469



0063A8



001829



# Previews

## White Background



This preview shows how the Hex color D09165 looks on a white background.

## Color Contrast Check

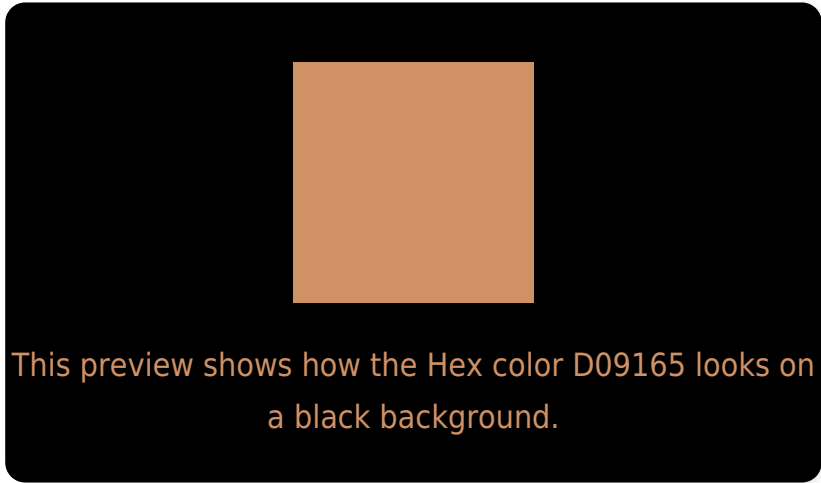
Large Text (above 18pt) WCAG AA × Fail

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

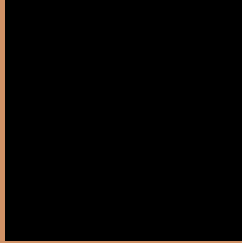
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D09165 Background



This preview shows how black text looks on a background with the Hex color D09165.

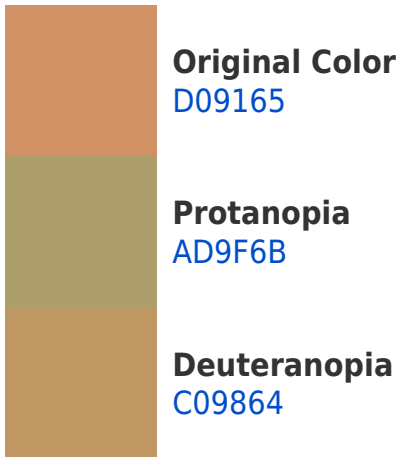


This preview shows how white text looks on a background with the Hex color D09165.

# 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**  
D48B95

# Trichromacy



**Original Color**  
D09165

**Protanomaly**  
BA9A69

**Deuteranomaly**  
C69564

**Tritanomaly**  
D38D84

# Monochromacy



**Original Color**  
D09165

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
B19A8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D09165 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 #D09165 looks like.

```
.text, #text, p{  
    color:#D09165  
}
```

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 #D09165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09165
}
```

## Border

The CSS property to change the border of an element to Hex D09165 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
#D09165 }
```

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

```
.border{ border-color:#D09165 }
```

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

Here you see how a box with a 4 pixel #D09165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09165; -webkit-box-shadow:4px 4px  
4px 4px #D09165; box-shadow:4px 4px 4px  
4px #D09165 }
```

# Background

The CSS property to change the background color of an element to Hex D09165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09165 }
```

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

```
.background{ background-color:#D09165 }
```

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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