

# Converting Colors

Hex(DC9176)

Have a look what the booklet for  
Hex(DC9176) contains.

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# **Color**

**Hex(DC9176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC9176
RGB	220, 145, 118
RGB Percent	86%, 57%, 46%
CMY	0.1373, 0.4314, 0.5373
CMYK	0.00, 0.34, 0.46, 0.14
HSL	16°, 59%, 66%
HSV	16°, 46%, 86%
XYZ	42.9106, 36.7744, 21.9761
YIQ	164.3470, 53.3670, 7.5030

# Conversions

## Conversions Part 2

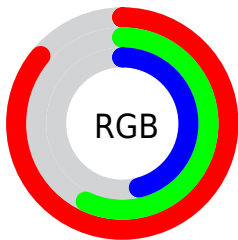
Format	Color
R <sub>Y</sub> B	220, 155, 118
Decimal	14455158
CIE Lab	67.11, 25.35, 25.97
CIE LCh	67, 36.292, 45.696
Yxy	36.7744, 0.4221, 0.3617
Android (android.graphics.Color)	4292645238 (0xFFDC9176)
YUV	164.3470, -22.8491, 48.8077
Hunter-Lab	60.6419, 20.1843, 20.9632

# Details

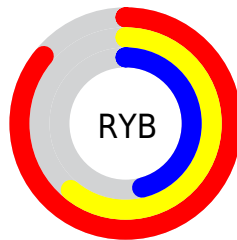
The Hex color **DC9176** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76C1DC**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC7AA**, and **A25E45** is the 20% darker color. If you saturate the color by 10%, you get **DC8160**, and if you desaturate by 10%, it is **DCA18C**.

# Distribution



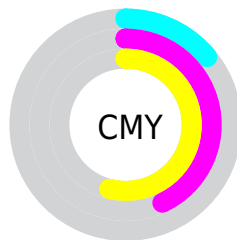
- Red (86%)
- Green (57%)
- Blue (46%)



- Red (86%)
- Yellow (61%)
- Blue (46%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (14%)



- Cyan (14%)
- Magenta (43%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC9176 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 DC9176 by changing the saturation by 10% instead.



 DC9176

FFFFFF

 FFC7AA

 FFE4C6

 FFFFFE2

 DC9176

 BF775D

 A25E45

 86462F

 6A2E19

 501700

 350100

 1A0001

 000000

 DC9176

 DC9176

 DC8160

 DCA18C

 DC714A

 DCB1A2

 DC6034

 DCC2B8

 DC501E

 DCD2CE

 DC4008

 DCE2E4

 DC3A00

 DCF2FA

 DCFFFF

# Harmonies

## Analogous

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



E38A93



DC9176



C79C64

# Triad

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



DC9176



59B492



90A1E2

# Complementary

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



DC9176



76C1DC

# 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.



59ABE2



DC9176



2BB5B4

# Square

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



DC9176



83AF75



20B2D1



BD95D1

# Rectangle

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



DC9176



B3A362



20B2D1



7EA4E4

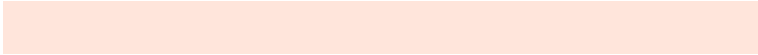


# Sweetspot

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



DC9176



FFE5DB



DC76C3



80706A



000000



808080



# Same Dimension

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



DC9176



FF9670



DCC376



6E6663



AD2E00



2E0C00



# Inverse Universe

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



76C1DC



70D9FF



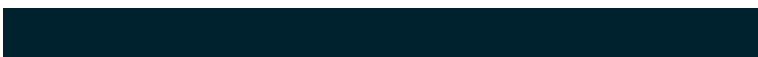
7690DC



636B6E



0080AD



00222E



# Previews

## White Background



This preview shows how the Hex color DC9176 looks on a white background.

## Color Contrast Check

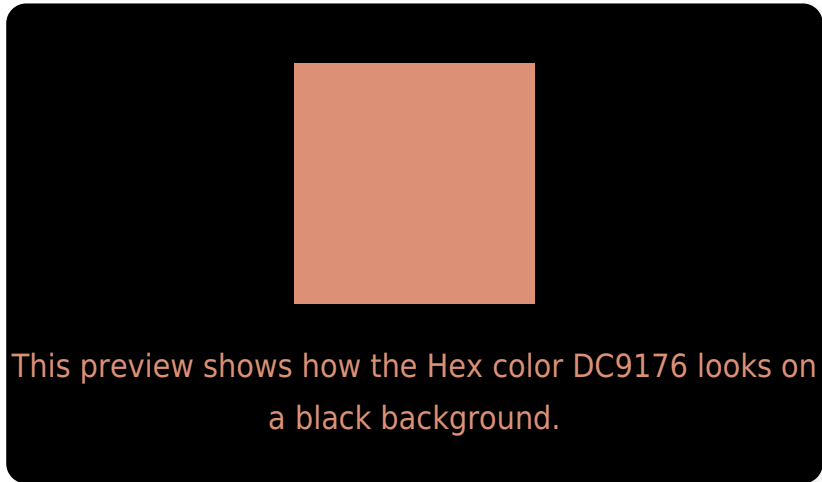
Large Text (above 18pt) WCAG AA × Fail

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

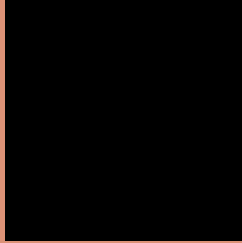
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DC9176 Background



This preview shows how black text looks on a background with the Hex color DC9176.

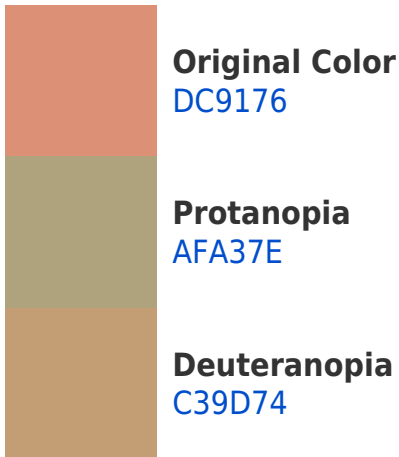


This preview shows how white text looks on a background with the Hex color DC9176.

# 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**  
DF8C97

# Trichromacy



**Original Color**  
DC9176

**Protanomaly**  
BF9C7B

**Deuteranomaly**  
CC9975

**Tritanomaly**  
DE8E8B

# Monochromacy



**Original Color**  
DC9176

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
B89D93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC9176 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 #DC9176 looks like.

```
.text, #text, p{  
    color:#DC9176  
}
```

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 #DC9176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9176  
}
```

## Border

The CSS property to change the border of an element to Hex DC9176 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  
#DC9176 }
```

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

```
.border{ border-color:#DC9176 }
```

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

Here you see how a box with a 4 pixel #DC9176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9176; -webkit-box-shadow:4px 4px  
4px 4px #DC9176; box-shadow:4px 4px 4px  
4px #DC9176 }
```

# Background

The CSS property to change the background color of an element to Hex DC9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9176 }
```

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

```
.background{ background-color:#DC9176 }
```

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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