

# Converting Colors

Hex(DD9349)

Have a look what the booklet for  
Hex(DD9349) contains.

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**Color**

**Hex(DD9349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD9349
RGB	221, 147, 73
RGB Percent	87%, 58%, 29%
CMY	0.1333, 0.4235, 0.7137
CMYK	0.00, 0.33, 0.67, 0.13
HSL	30°, 69%, 58%
HSV	30°, 67%, 87%
XYZ	41.4551, 36.7206, 11.2062
YIQ	160.6900, 67.8580, -7.3260

# Conversions

## Conversions Part 2

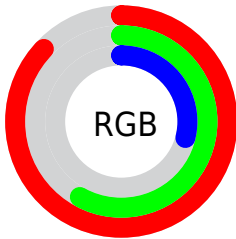
Format	Color
R <sub>Y</sub> B	221, 221, 73
Decimal	14521161
CIE Lab	67.07, 21.14, 49.49
CIE LCh	67, 53.817, 66.874
Yxy	36.7206, 0.4638, 0.4108
Android (android.graphics.Color)	4292711241 (0xFFDD9349)
YUV	160.6900, -43.2312, 52.8919
Hunter-Lab	60.5975, 16.0671, 31.4539

# Details

The Hex color **DD9349** 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 **4993DD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC97C**, and **A16016** is the 20% darker color. If you saturate the color by 10%, you get **DD8833**, and if you desaturate by 10%, it is **DD9E5F**.

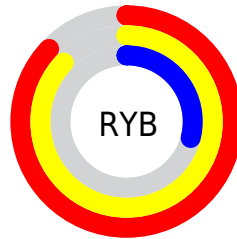
# Distribution



Red (87%)

Green (58%)

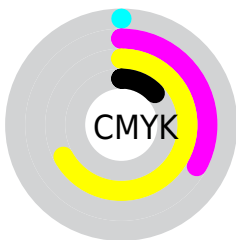
Blue (29%)



Red (87%)

Yellow (87%)

Blue (29%)

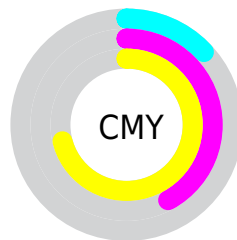


Cyan (0%)

Magenta (33%)

Yellow (67%)

Black (13%)



Cyan (13%)

Magenta (42%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD9349 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 DD9349 by changing the saturation by 10% instead.



 DD9349

 DD9349

FFFFFF

 BF7930

 FFC97C

 A16016

 FFE597

 844800

 FFFFB2

 683100

 FFFFCE

 4C1B00

 FFFFEB

 310600

 130000

 000000

 DD9349

 DD9349

 DD8833

 DD9E5F

 DD7D1D

 DDA975

 DD7207

 DDB48B

 DD6E00

 DDBFA1

 DDCAB8

 DDD5CE

 DDE0E4

 DDEBFA

 DDF6FF

# Harmonies

## Analogous

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



F7816C



DD9349



B4A43E

# Triad

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



DD9349



00BBAD



B592F1

# Complementary

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



DD9349



4993DD

# 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.



5EA5FF



DD9349



00BADC

# Square

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



DD9349



35B97B



00B2FC



E780CA

# Rectangle

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



DD9349



93AD48



00B2FC



9D99FA



# Sweetspot

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



DD9349



FFE5CC



DD4993



807061



000000



808080



# Same Dimension

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



DD9349



FF9933



DDDB49



6E6863



AD5700



2E1700



# Inverse Universe

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



4993DD



3399FF



4949DD



63686E



0057AD

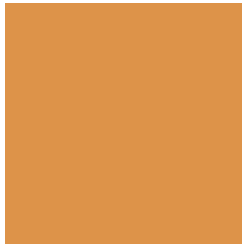


00172E



# Previews

## White Background



This preview shows how the Hex color DD9349 looks on a white background.

## Color Contrast Check

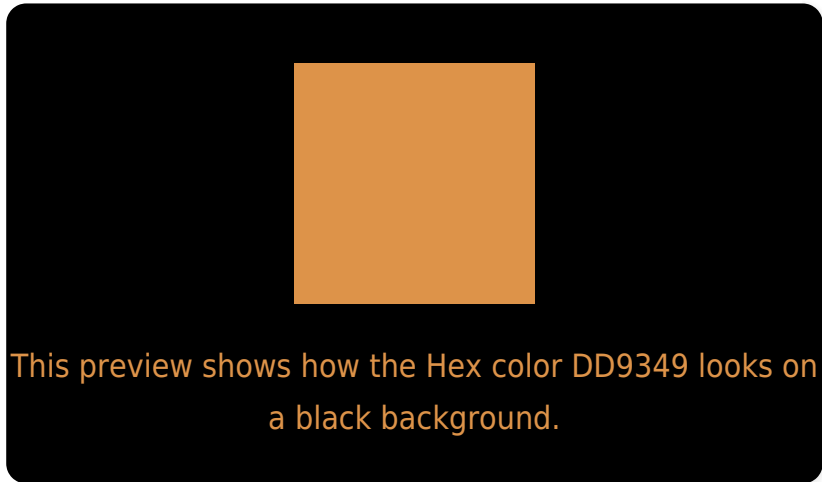
Large Text (above 18pt) WCAG AA × Fail

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

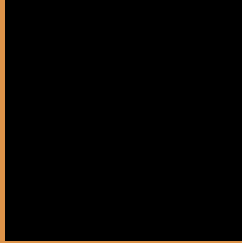
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DD9349 Background



This preview shows how black text looks on a background with the Hex color DD9349.



This preview shows how white text looks on a background with the Hex color DD9349.

# 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**  
DD9349

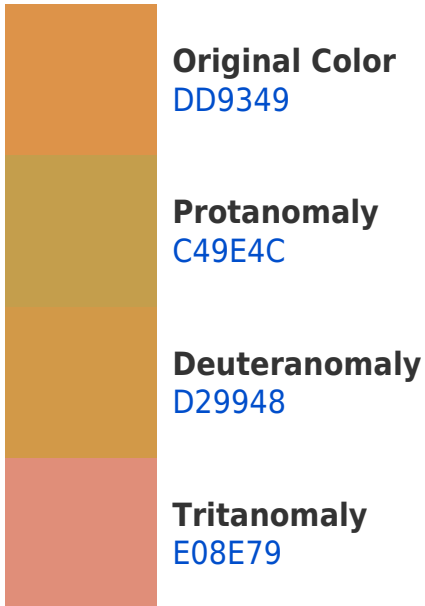
**Protanopia**  
B5A44E

**Deuteranopia**  
CB9C47



**Tritanopia**  
E28B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD9349 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 #DD9349 looks like.

```
.text, #text, p{  
    color:#DD9349  
}
```

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 #DD9349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD9349
}
```

## Border

The CSS property to change the border of an element to Hex DD9349 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
#DD9349 }
```

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

```
.border{ border-color:#DD9349 }
```

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

Here you see how a box with a 4 pixel #DD9349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD9349; -webkit-box-shadow:4px 4px  
4px 4px #DD9349; box-shadow:4px 4px 4px  
4px #DD9349 }
```

# Background

The CSS property to change the background color of an element to Hex DD9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD9349 }
```

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

```
.background{ background-color:#DD9349 }
```

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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