

# Converting Colors

Hex(DD9B50)

Have a look what the booklet for  
Hex(DD9B50) contains.

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# **Color**

**Hex(DD9B50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD9B50
RGB	221, 155, 80
RGB Percent	87%, 61%, 31%
CMY	0.1333, 0.3922, 0.6863
CMYK	0.00, 0.30, 0.64, 0.13
HSL	32°, 67%, 59%
HSV	32°, 64%, 87%
XYZ	42.9881, 39.3940, 12.9275
YIQ	166.1840, 63.4110, -9.3330

# Conversions

## Conversions Part 2

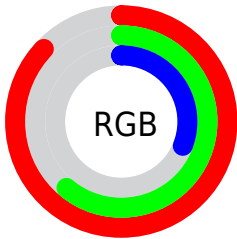
Format	Color
<a href="#">RYB</a>	204, 221, 80
Decimal	14523216
CIELab	69.04, 17.27, 48.31
CIElCh	69, 51.308, 70.333
Yxy	39.3940, 0.4510, 0.4133
Android (android.graphics.Color)	4292713296 (0xFFDD9B50)
YUV	166.1840, -42.4887, 48.0736
Hunter-Lab	62.7647, 12.4182, 31.7234

# Details

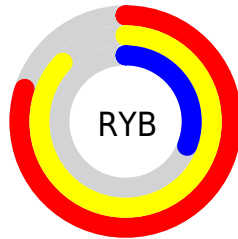
The Hex color **DD9B50** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5092DD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFD184**, and **A2681D** is the 20% darker color. If you saturate the color by 10%, you get **DD913A**, and if you desaturate by 10%, it is **DDA566**.

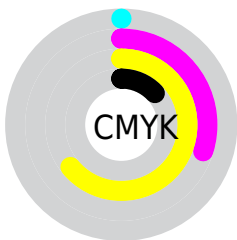
# Distribution



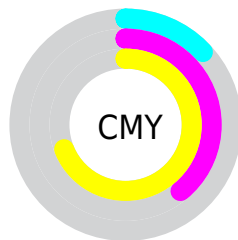
- Red (87%)
- Green (61%)
- Blue (31%)



- Red (80%)
- Yellow (87%)
- Blue (31%)



- Cyan (0%)
- Magenta (30%)
- Yellow (64%)
- Black (13%)



- Cyan (13%)
- Magenta (39%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD9B50 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 DD9B50 by changing the saturation by 10% instead.



 DD9B50

 DD9B50

FFFFFF

 BF8137

 FFD184

 A2681D

 FFEE9E

 855000

 FFFFBA

 693900

 FFFFD6

 4D2300

 FFFFF3

 330E00

 1A0001

 000000

 DD9B50

 DD9B50

 DD913A

 DDA566

 DD8624

 DDB07C

 DD7C0E

 DDBA92

 DD7600

 DDC4A8

 DDCFBF

 DDD9D5

 DDE3EB

 DDEEFF

 DDF8FF

# Harmonies

## Analogous

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



F88A6F



DD9B50



B4AB49

# Triad

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



DD9B50



00C0B8



C196F0

# Complementary

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



DD9B50



5092DD

# 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.



76A8FF



DD9B50



00BEE3

# Square

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



DD9B50



39BE88



00B6FF



EE86C9

# Rectangle

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



DD9B50



94B455



00B6FF



AC9CF9

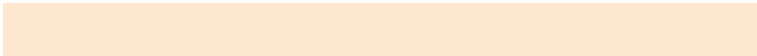


# Sweetspot

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



DD9B50



FFE8CF



DD5094



807262



000000



808080



# Same Dimension

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



DD9B50



FFA33B



DBDD50



6E6963



AD5C00



2E1800



# Inverse Universe

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



5092DD



3B97FF



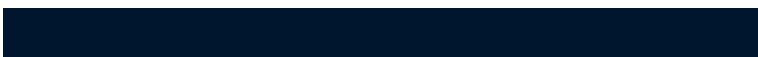
5250DD



63686E



0051AD



00152E



# Previews

## White Background



This preview shows how the Hex color DD9B50 looks on a white background.

## Color Contrast Check

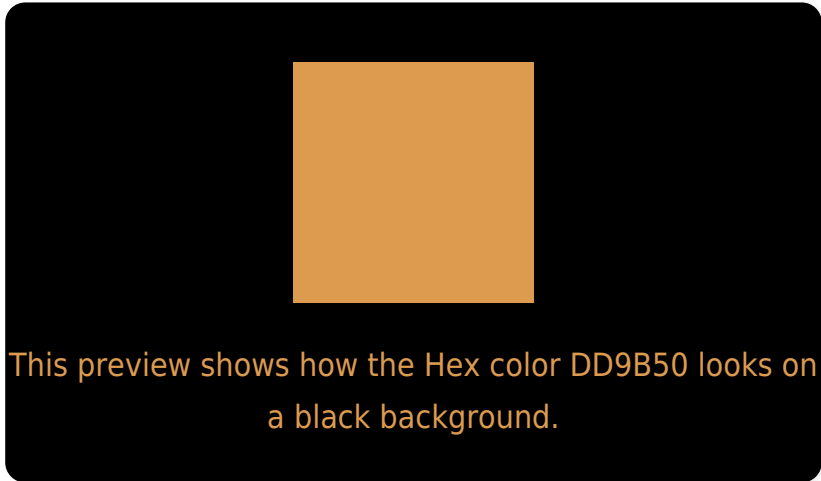
Large Text (above 18pt) WCAG AA × Fail

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

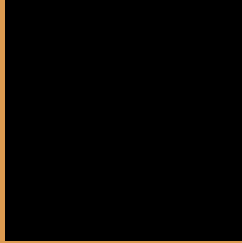
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DD9B50 Background



This preview shows how black text looks on a background with the Hex color DD9B50.



This preview shows how white text looks on a background with the Hex color DD9B50.

# 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**  
DD9B50

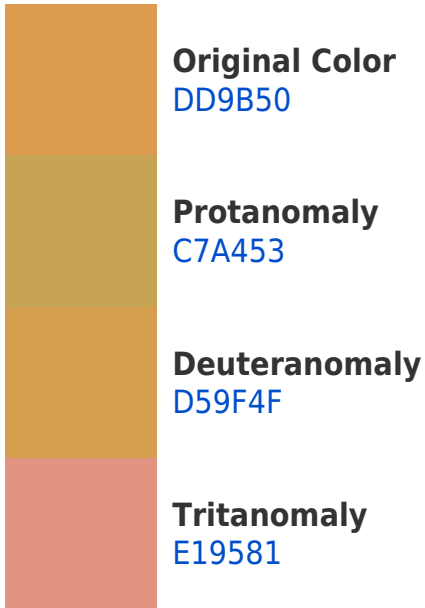
**Protanopia**  
BBA955

**Deuteranopia**  
D1A14F

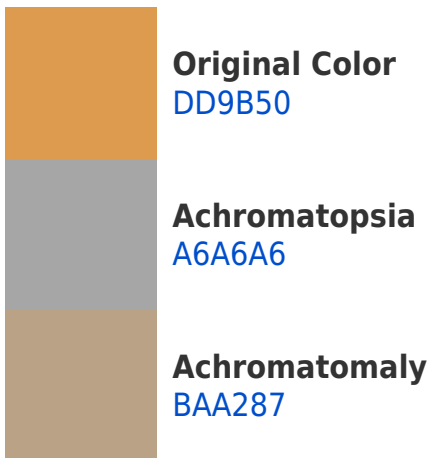


**Tritanopia**  
E3929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD9B50 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 #DD9B50 looks like.

```
.text, #text, p{  
    color:#DD9B50  
}
```

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 #DD9B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD9B50
}
```

## Border

The CSS property to change the border of an element to Hex DD9B50 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
#DD9B50 }
```

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

```
.border{ border-color:#DD9B50 }
```

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

Here you see how a box with a 4 pixel #DD9B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD9B50; -webkit-box-shadow:4px 4px  
4px 4px #DD9B50; box-shadow:4px 4px 4px  
4px #DD9B50 }
```

# Background

The CSS property to change the background color of an element to Hex DD9B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD9B50 }
```

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

```
.background{ background-color:#DD9B50 }
```

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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