

# Converting Colors

Hex(DA9D5F)

Have a look what the booklet for  
Hex(DA9D5F) contains.

<b>Hex(DA9D5F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DA9D5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA9D5F
RGB	218, 157, 95
RGB Percent	85%, 62%, 37%
CMY	0.1451, 0.3843, 0.6275
CMYK	0.00, 0.28, 0.56, 0.15
HSL	30°, 62%, 61%
HSV	30°, 56%, 85%
XYZ	43.0360, 39.8456, 16.2492
YIQ	168.1710, 56.2580, -6.3500

# Conversions

## Conversions Part 2

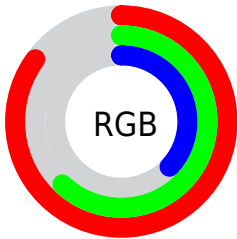
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 218, 95
Decimal	14327135
CIE <sub>Lab</sub>	69.36, 16.02, 41.09
CIE <sub>LCh</sub>	69, 44.097, 68.704
Yxy	39.8456, 0.4341, 0.4019
Android (android.graphics.Color)	4292517215 (0xFFDA9D5F)
YUV	168.1710, -36.0733, 43.7000
Hunter-Lab	63.1234, 11.2311, 28.9239

# Details

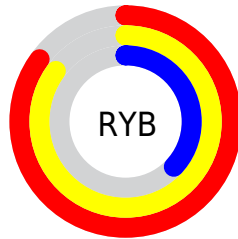
The Hex color **DA9D5F** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5F9CDA**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD493**, and **A06A2E** is the 20% darker color. If you saturate the color by 10%, you get **DA9249**, and if you desaturate by 10%, it is **DAA875**.

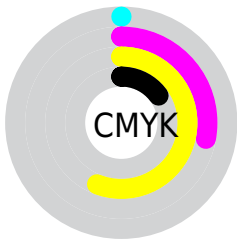
# Distribution



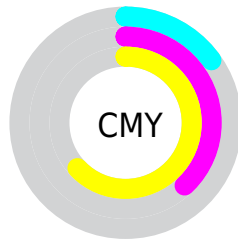
- Red (85%)
- Green (62%)
- Blue (37%)



- Red (85%)
- Yellow (85%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (56%)
- Black (15%)



- Cyan (15%)
- Magenta (38%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA9D5F 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 DA9D5F by changing the saturation by 10% instead.



 DA9D5F

 DA9D5F

FFFFFF

 BD8346

 FFD493

 A06A2E

 FFF0AE

 835116

 FFFFC9

 683A00

 FFFFE6

 4D2400

 321000

 1A0001

 000000

 DA9D5F

 DA9D5F

■ DA9249

■ DAA875

■ DA8733

■ DAB38B

■ DA7D1E

■ DABDA0

■ DA7208

■ DAC8B6

■ DA6E00

■ DAD3CC

■ DADEE2

■ DAE9F8

■ DAF3FF

■ DAFEFF

# Harmonies

## Analogous

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



F19079



DA9D5F



B7AB58

# Triad

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



DA9D5F



00BEB4



BC9BE8

# Complementary

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



DA9D5F



5F9CDA

# 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.



7FA9F8



DA9D5F



00BCDA

# Square

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



DA9D5F



57BC8B



17B5F3



E48DC7

# Rectangle

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



DA9D5F



9BB261



17B5F3



AAA0EF

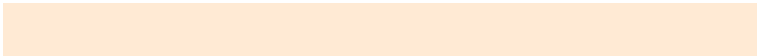


# Sweetspot

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



DA9D5F



FFEAD4



DA5F9D



807366



000000



808080



# Same Dimension

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



DA9D5F



FFA952



DADA5F



6E6863



AD5700



2E1700



# Inverse Universe

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



5F9CDA



52A8FF



5F5FDA



63686E



0056AD

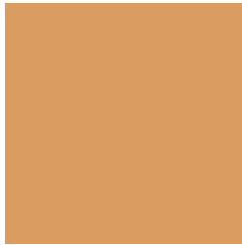


00172E



# Previews

## White Background



This preview shows how the Hex color DA9D5F looks on a white background.

## Color Contrast Check

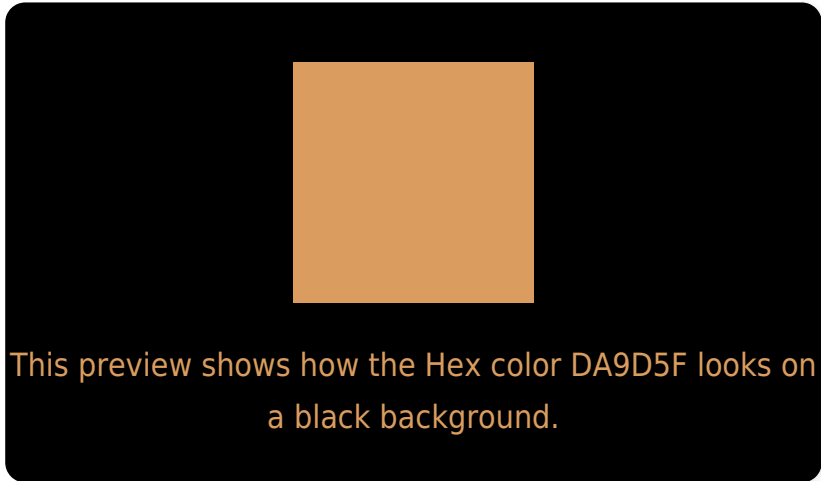
Large Text (above 18pt) WCAG AA × Fail

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

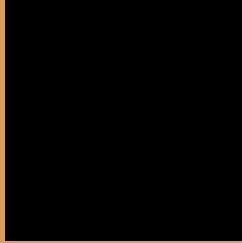
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DA9D5F Background



This preview shows how black text looks on a background with the Hex color DA9D5F.



This preview shows how white text looks on a background with the Hex color DA9D5F.

# 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**  
DA9D5F

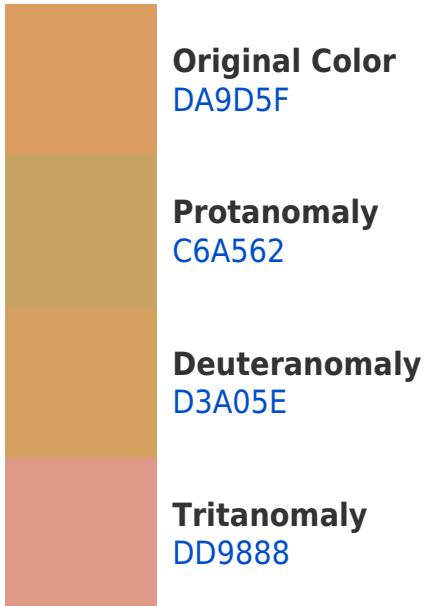
**Protanopia**  
BAAA64

**Deuteranopia**  
CFA25E



**Tritanopia**  
DF95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA9D5F 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 #DA9D5F looks like.

```
.text, #text, p{  
    color:#DA9D5F  
}
```

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 #DA9D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA9D5F
}
```

## Border

The CSS property to change the border of an element to Hex DA9D5F 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
#DA9D5F }
```

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

```
.border{ border-color:#DA9D5F }
```

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

Here you see how a box with a 4 pixel #DA9D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA9D5F; -webkit-box-shadow:4px 4px  
4px 4px #DA9D5F; box-shadow:4px 4px 4px  
4px #DA9D5F }
```

# Background

The CSS property to change the background color of an element to Hex DA9D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA9D5F }
```

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

```
.background{ background-color:#DA9D5F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor