

# Converting Colors

Hex(DA8A48)

Have a look what the booklet for  
Hex(DA8A48) contains.

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**Color**

**Hex(DA8A48)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA8A48
RGB	218, 138, 72
RGB Percent	85%, 54%, 28%
CMY	0.1451, 0.4588, 0.7176
CMYK	0.00, 0.37, 0.67, 0.15
HSL	27°, 66%, 57%
HSV	27°, 67%, 85%
XYZ	39.1716, 33.5503, 10.5422
YIQ	154.3960, 68.8660, -3.5660

# Conversions

## Conversions Part 2

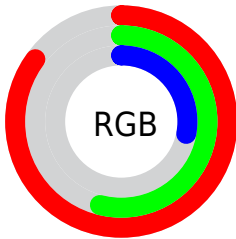
Format	Color
<a href="#">RYB</a>	<a href="#">218, 192, 72</a>
Decimal	<a href="#">14322248</a>
CIELab	<a href="#">64.60, 24.66, 47.13</a>
CIELCh	<a href="#">65, 53.195, 62.384</a>
Yxy	<a href="#">33.5503, 0.4705, 0.4029</a>
Android (android.graphics.Color)	<a href="#">4292512328 (0xFFDA8A48)</a>
YUV	<a href="#">154.3960, -40.6212, 55.7807</a>
Hunter-Lab	<a href="#">57.9226, 19.3506, 29.7548</a>

# Details

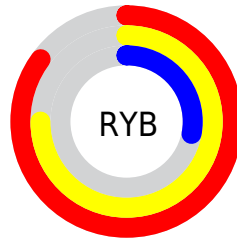
The Hex color **DA8A48** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4898DA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC07B**, and **9E5716** is the 20% darker color. If you saturate the color by 10%, you get **DA7E32**, and if you desaturate by 10%, it is **DA965E**.

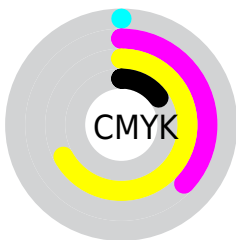
# Distribution



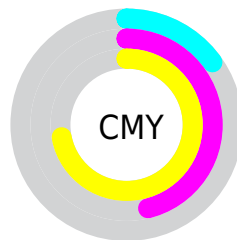
- Red (85%)
- Green (54%)
- Blue (28%)



- Red (85%)
- Yellow (75%)
- Blue (28%)



- Cyan (0%)
- Magenta (37%)
- Yellow (67%)
- Black (15%)



- Cyan (15%)
- Magenta (46%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA8A48 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 DA8A48 by changing the saturation by 10% instead.



 DA8A48

 DA8A48


FFFFFF

 BC702F

 FFC07B

 9E5716

 FFDC95

 814000

 FFF8B1

 652900

 FFFFCC

 491200

 FFFFEE

 2F0000

 040000

 000000

 DA8A48

 DA8A48

■ DA7E32

■ DA965E

■ DA721C

■ DAA274

■ DA6607

■ DAAE89

■ DA6300

■ DABA9F

■ DAC6B5

■ DAD2CB

■ DADEE1

■ DAEAF6

■ DAF6FF

# Harmonies

## Analogous

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



F1796C



DA8A48



B49B38

# Triad

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



DA8A48



00B49F



A48FED

# Complementary

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



DA8A48



4898DA

# 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.



43A1FC



DA8A48



00B3CE

# Square

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



DA8A48



3FB16F



00ADF0



DA7CCA

# Rectangle

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



DA8A48



94A540



00ADF0



8B95F5

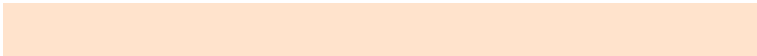


# Sweetspot

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



DA8A48



FFE3CC



DA4898



806F61



000000



808080



# Same Dimension

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



DA8A48



FF8F33



DAD348



6E6863



AD4E00



2E1500



# Inverse Universe

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



4898DA



33A3FF



484FDA



63696E



005FAD



00192E



# Previews

## White Background



This preview shows how the Hex color DA8A48 looks on a white background.

## Color Contrast Check

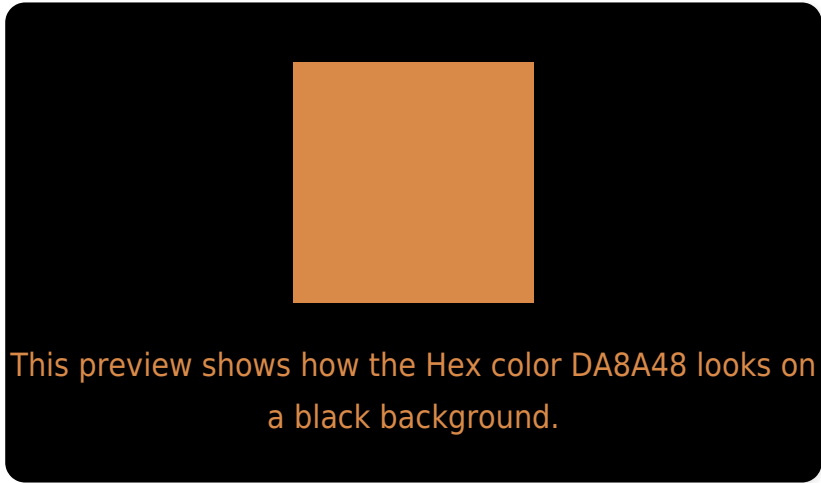
Large Text (above 18pt) WCAG AA × Fail

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

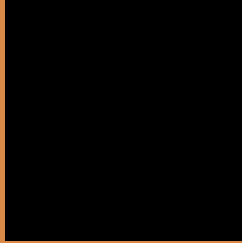
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DA8A48 Background



This preview shows how black text looks on a background with the Hex color DA8A48.



This preview shows how white text looks on a background with the Hex color DA8A48.

# 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**  
DA8A48

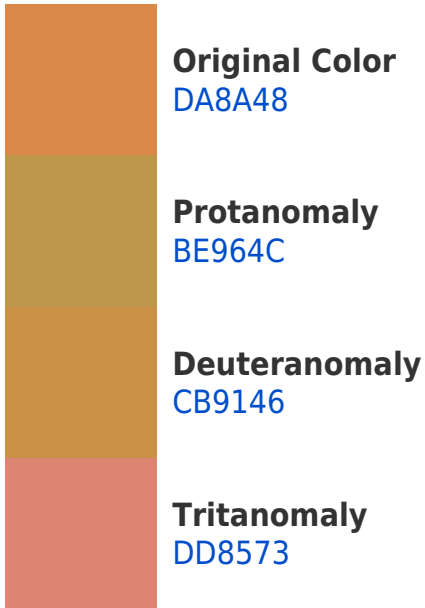
**Protanopia**  
AE9D4E

**Deuteranopia**  
C39545



**Tritanopia**  
DE828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA8A48 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 #DA8A48 looks like.

```
.text, #text, p{  
    color:#DA8A48  
}
```

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 #DA8A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA8A48  
}
```

## Border

The CSS property to change the border of an element to Hex DA8A48 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  
#DA8A48 }
```

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

```
.border{ border-color:#DA8A48 }
```

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

Here you see how a box with a 4 pixel #DA8A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA8A48; -webkit-box-shadow:4px 4px  
4px 4px #DA8A48; box-shadow:4px 4px 4px  
4px #DA8A48 }
```

# Background

The CSS property to change the background color of an element to Hex DA8A48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA8A48 }
```

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

```
.background{ background-color:#DA8A48 }
```

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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