

# Converting Colors

Hex(DA8A3D)

Have a look what the booklet for  
Hex(DA8A3D) contains.

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# **Color**

**Hex(DA8A3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA8A3D
RGB	218, 138, 61
RGB Percent	85%, 54%, 24%
CMY	0.1451, 0.4588, 0.7608
CMYK	0.00, 0.37, 0.72, 0.15
HSL	29°, 68%, 55%
HSV	29°, 72%, 85%
XYZ	38.8442, 33.4193, 8.8181
YIQ	153.1420, 72.3970, -6.9870

# Conversions

## Conversions Part 2

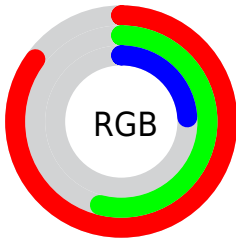
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 212, 61
Decimal	14322237
CIE <sub>Lab</sub>	64.50, 24.07, 52.26
CIE <sub>LCh</sub>	64, 57.538, 65.269
Yxy	33.4193, 0.4791, 0.4122
Android (android.graphics.Color)	4292512317 (0xFFDA8A3D)
YUV	153.1420, -45.4260, 56.8805
Hunter-Lab	57.8094, 18.7740, 31.4226

# Details

The Hex color **DA8A3D** 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 **3D8DDA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFC070**, and **9E5804** is the 20% darker color. If you saturate the color by 10%, you get **DA7F27**, and if you desaturate by 10%, it is **DA9553**.

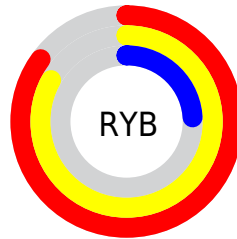
# Distribution



Red (85%)

Green (54%)

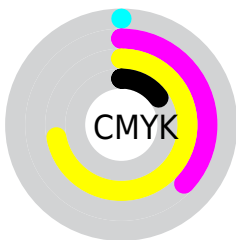
Blue (24%)



Red (85%)

Yellow (83%)

Blue (24%)

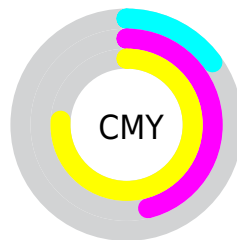


Cyan (0%)

Magenta (37%)

Yellow (72%)

Black (15%)



Cyan (15%)

Magenta (46%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA8A3D 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 DA8A3D by changing the saturation by 10% instead.



 DA8A3D

 DA8A3D

FFFFFF

 BC7023

 FFC070

 9E5804

 FFDC8B

 814000

 FFF8A6

 642900

 FFFFC2

 481300

 FFFFDE

 2E0000

 FFFFFB

 010000

 000000

 DA8A3D

 DA8A3D

■ DA7F27

■ DA9553

■ DA7411

■ DAA069

■ DA6B00

■ DAAB7E

■ DAB694

■ DAC2AA

■ DACDC0

■ DAD8D6

■ DAE3EB

■ DAEFF

# Harmonies

## Analogous

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



F57764



DA8A3D



B09D2D

# Triad

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



DA8A3D



00B5A4



AB8BF1

# Complementary

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



DA8A3D



3D8DDA

# 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.



409FFF



DA8A3D



00B4D6

# Square

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



DA8A3D



20B26F



00ADF9



E276C8

# Rectangle

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



DA8A3D



8DA638



00ADF9



9092FA



# Sweetspot

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



DA8A3D



FFE2C7



DA3D8E



806F5E



000000



808080



# Same Dimension

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



DA8A3D



FF8F24



DAD73D



6E6863



AD5500



2E1700



# Inverse Universe

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



3D8DDA



2493FF



3D40DA



63686E



0058AD



00172E



# Previews

## White Background



This preview shows how the Hex color DA8A3D looks on a white background.

## Color Contrast Check

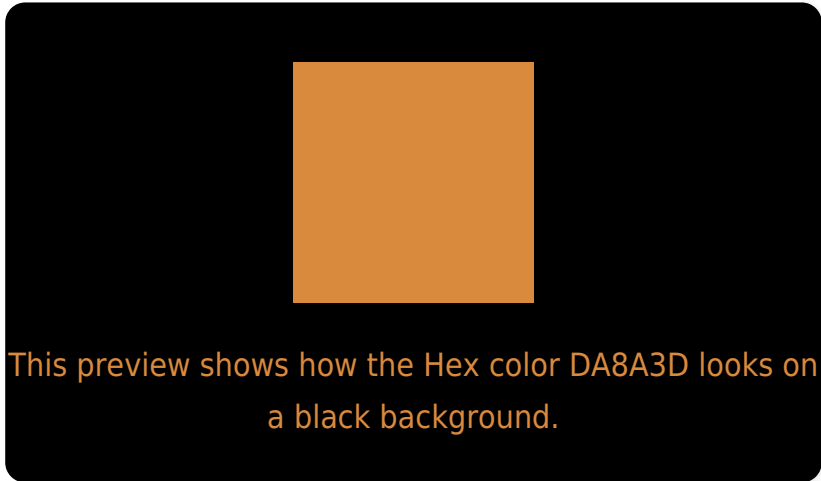
Large Text (above 18pt) WCAG AA × Fail

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

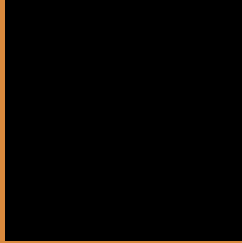
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DA8A3D Background



This preview shows how black text looks on a background with the Hex color DA8A3D.

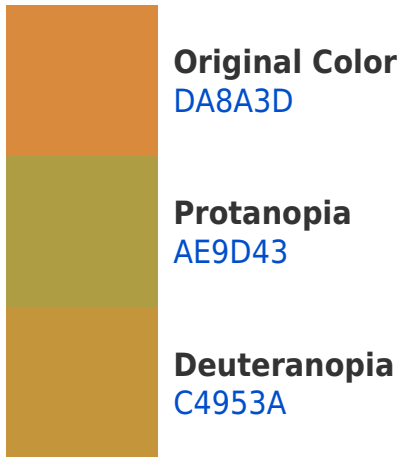


This preview shows how white text looks on a background with the Hex color DA8A3D.

# 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](#).

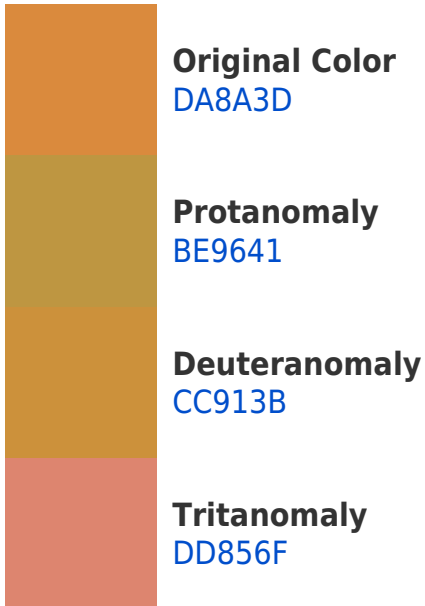
## Dichromacy



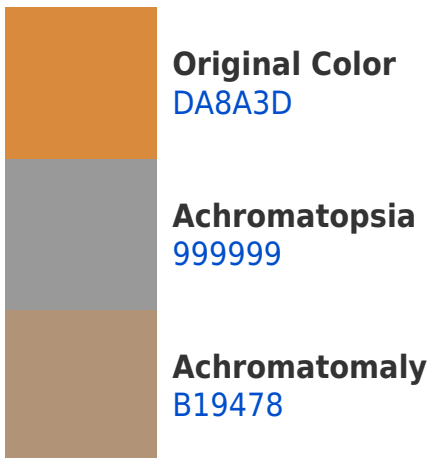


**Tritanopia**  
DF828B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA8A3D 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 #DA8A3D looks like.

```
.text, #text, p{  
    color:#DA8A3D  
}
```

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 #DA8A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA8A3D
}
```

## Border

The CSS property to change the border of an element to Hex DA8A3D 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
#DA8A3D }
```

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

```
.border{ border-color:#DA8A3D }
```

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

Here you see how a box with a 4 pixel #DA8A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA8A3D; -webkit-box-shadow:4px 4px  
4px 4px #DA8A3D; box-shadow:4px 4px 4px  
4px #DA8A3D }
```

# Background

The CSS property to change the background color of an element to Hex DA8A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA8A3D }
```

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

```
.background{ background-color:#DA8A3D }
```

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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