

# Converting Colors

Hex(DA815D)

Have a look what the booklet for  
Hex(DA815D) contains.

<b>Hex(DA815D)</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(DA815D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA815D
RGB	218, 129, 93
RGB Percent	85%, 51%, 36%
CMY	0.1451, 0.4941, 0.6353
CMYK	0.00, 0.41, 0.57, 0.15
HSL	17°, 63%, 61%
HSV	17°, 57%, 85%
XYZ	38.7395, 31.3963, 14.3742
YIQ	151.5070, 64.6000, 7.6720

# Conversions

## Conversions Part 2

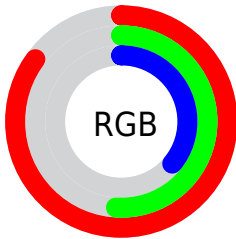
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 144, 93
Decimal	14319965
CIE <sub>Lab</sub>	62.84, 30.89, 34.10
CIE <sub>LCh</sub>	63, 46.005, 47.828
Yxy	31.3963, 0.4584, 0.3715
Android (android.graphics.Color)	4292510045 (0xFFDA815D)
YUV	151.5070, -28.8440, 58.3144
Hunter-Lab	56.0324, 25.3542, 24.0127

# Details

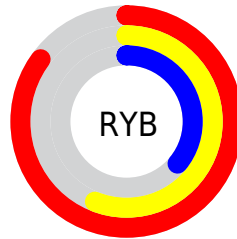
The Hex color **DA815D** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **5DB6DA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB790**, and **9F4E2E** is the 20% darker color. If you saturate the color by 10%, you get **DA7147**, and if you desaturate by 10%, it is **DA9173**.

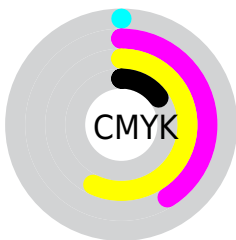
# Distribution



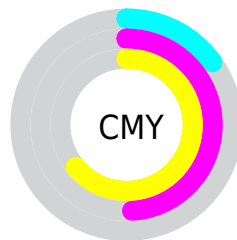
- Red (85%)
- Green (51%)
- Blue (36%)



- Red (85%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (57%)
- Black (15%)



- Cyan (15%)
- Magenta (49%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA815D 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 DA815D by changing the saturation by 10% instead.



 DA815D

 DA815D

FFFFFF

 BC6745

 FFB790

 9F4E2E

 FFD3AB

 823617

 FFEFC6

 661E00

 FFFFFE2

 4A0400

 300000

 000000

 DA815D

 DA815D

 DA7147

 DA9173

 DA6231

 DAA089

 DA521C

 DAB09E

 DA4306

 DABFB4

 DA3F00

 DACFCA

 DADEE0

 DAEEF6

 DAFDFF

 DAFFFF

# Harmonies

## Analogous

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



E57781



DA815D



BF9047

# Triad

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



DA815D



1DAC85



8094E6

# Complementary

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



DA815D



5DB6DA

# 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.



07A1E7



DA815D



00ADB0

# Square

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



DA815D



6AA75F



00AAD4



BA84CF

# Rectangle

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



DA815D



A69944



00AAD4



6699E9

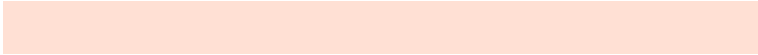


# Sweetspot

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



DA815D



FFE0D4



DA5DB7



806D66



000000



808080



# Same Dimension

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



DA815D



FF824F



DABF5D



6E6663



AD3200



2E0D00



# Inverse Universe

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



5DB6DA



4FCCFF



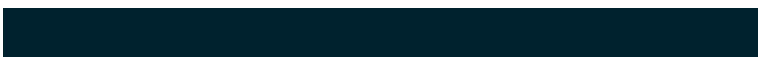
5D78DA



636A6E



007BAD



00212E



# Previews

## White Background



This preview shows how the Hex color DA815D looks on a white background.

## Color Contrast Check

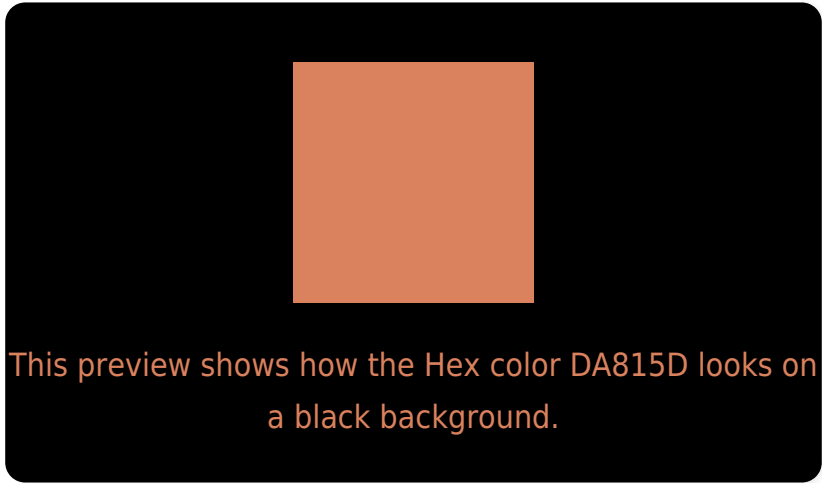
Large Text (above 18pt) WCAG AA × Fail

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 DA815D Background



This preview shows how black text looks on a background with the Hex color DA815D.

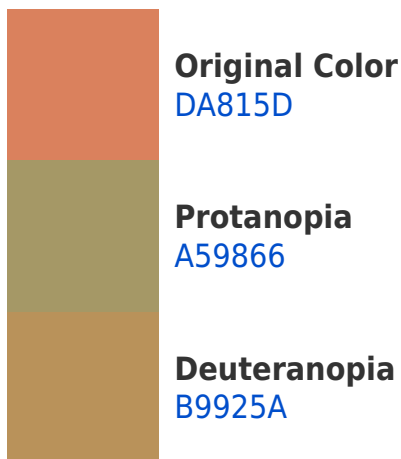


This preview shows how white text looks on a background with the Hex color DA815D.

# 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](#).

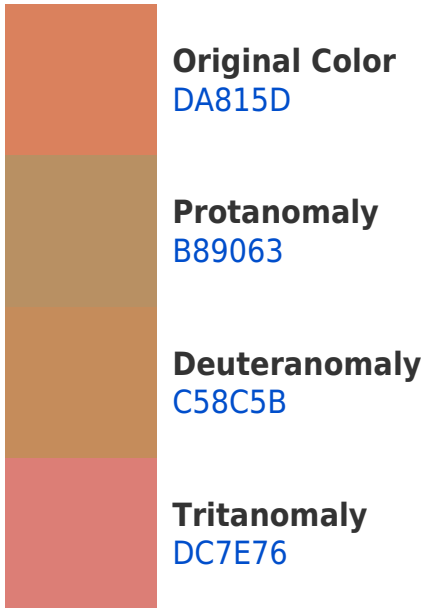
## Dichromacy



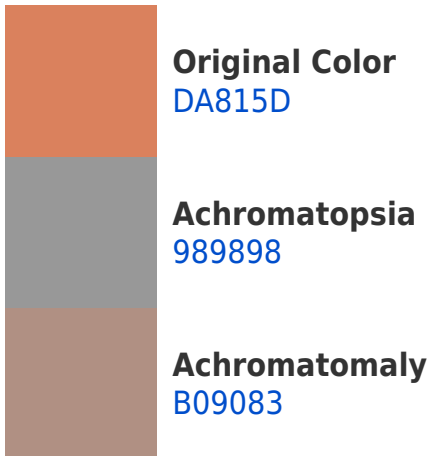


**Tritanopia**  
DD7C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA815D 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 #DA815D looks like.

```
.text, #text, p{  
    color:#DA815D  
}
```

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 #DA815D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA815D
}
```

## Border

The CSS property to change the border of an element to Hex DA815D 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
#DA815D }
```

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

```
.border{ border-color:#DA815D }
```

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

Here you see how a box with a 4 pixel #DA815D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA815D; -webkit-box-shadow:4px 4px  
4px 4px #DA815D; box-shadow:4px 4px 4px  
4px #DA815D }
```

# Background

The CSS property to change the background color of an element to Hex DA815D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA815D }
```

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

```
.background{ background-color:#DA815D }
```

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