

# Converting Colors

Hex(DA7844)

Have a look what the booklet for  
Hex(DA7844) contains.

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**Color**

**Hex(DA7844)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA7844
RGB	218, 120, 68
RGB Percent	85%, 47%, 27%
CMY	0.1451, 0.5294, 0.7333
CMYK	0.00, 0.45, 0.69, 0.15
HSL	21°, 67%, 56%
HSV	21°, 69%, 85%
XYZ	36.6733, 28.7557, 9.0864
YIQ	143.3740, 75.1000, 4.6040

# Conversions

## Conversions Part 2

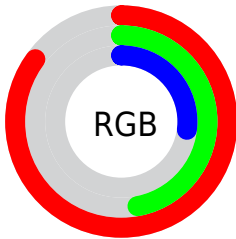
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 148, 68
Decimal	14317636
CIE Lab	60.57, 33.98, 44.61
CIE LCh	61, 56.079, 52.702
Yxy	28.7557, 0.4922, 0.3859
Android (android.graphics.Color)	4292507716 (0xFFDA7844)
YUV	143.3740, -37.1594, 65.4470
Hunter-Lab	53.6244, 28.2322, 27.4907

# Details

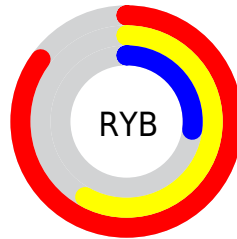
The Hex color **DA7844** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **44A6DA**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAD76**, and **9E4613** is the 20% darker color. If you saturate the color by 10%, you get **DA6A2E**, and if you desaturate by 10%, it is **DA865A**.

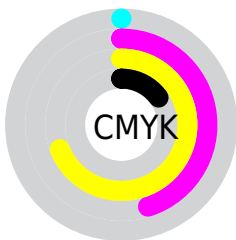
# Distribution



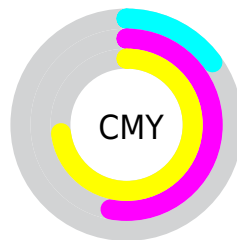
- Red (85%)
- Green (47%)
- Blue (27%)



- Red (85%)
- Yellow (58%)
- Blue (27%)



- Cyan (0%)
- Magenta (45%)
- Yellow (69%)
- Black (15%)



- Cyan (15%)
- Magenta (53%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA7844 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 DA7844 by changing the saturation by 10% instead.



 DA7844

 DA7844

FFFFFF

 BC5E2C

 FFAD76

 9E4613

 FFC990

 802D00

 FFE6AB

 631400

 FFFFC7

 470000

 FFFF E3

 2F0001

 000000

 DA7844

 DA7844

 DA6A2E

 DA865A

 DA5C18

 DA9470

 DA4D03

 DAA385

 DA4C00

 DAB19B

 DABFB1

 DACDC7

 DADCDD

 DAEAF2

 DAF8FF

# Harmonies

## Analogous

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



EC686F



DA7844



B78B28

# Triad

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



DA7844



00A984



7E8AEE

# Complementary

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



DA7844



44A6DA

# 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.



009BF4



DA7844



00AAB7

# Square

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



DA7844



49A453



00A6E0



C375CF

# Rectangle

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



DA7844



999628



00A6E0



5B90F3



# Sweetspot

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



DA7844



FFDCC9



DA44A8



806B60



000000



808080



# Same Dimension

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



DA7844



FF752B



DAC144



6E6663



AD3C00



2E1000



# Inverse Universe

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



44A6DA



2BB6FF



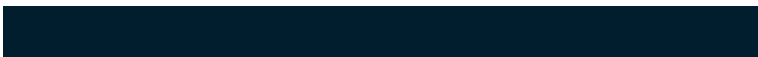
445DDA



636A6E



0071AD



001E2E



# Previews

## White Background



This preview shows how the Hex color DA7844 looks on a white background.

## Color Contrast Check

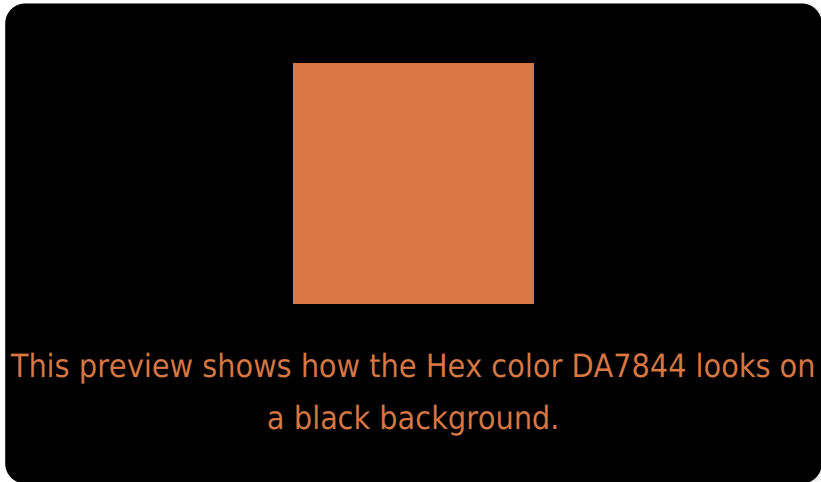
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex DA7844 Background



This preview shows how black text looks on a background with the Hex color DA7844.



This preview shows how white text looks on a background with the Hex color DA7844.

# 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



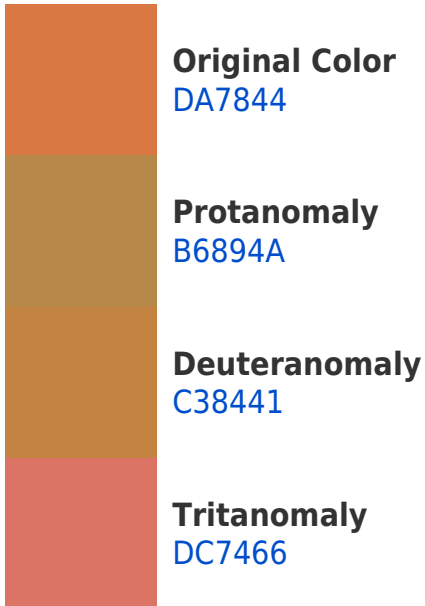
**Original Color**  
DA7844

**Protanopia**  
A2934D

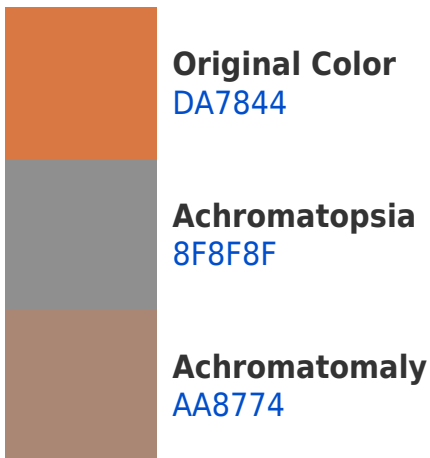
**Deuteranopia**  
B68B3F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA7844 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 #DA7844 looks like.

```
.text, #text, p{  
    color:#DA7844  
}
```

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 #DA7844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA7844  
}
```

## Border

The CSS property to change the border of an element to Hex DA7844 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  
#DA7844 }
```

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

```
.border{ border-color:#DA7844 }
```

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

Here you see how a box with a 4 pixel #DA7844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA7844; -webkit-box-shadow:4px 4px  
4px 4px #DA7844; box-shadow:4px 4px 4px  
4px #DA7844 }
```

# Background

The CSS property to change the background color of an element to Hex DA7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA7844 }
```

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

```
.background{ background-color:#DA7844 }
```

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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