

# Converting Colors

Hex(D8864A)

Have a look what the booklet for  
Hex(D8864A) contains.

<b>Hex(D8864A)</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(D8864A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8864A
RGB	216, 134, 74
RGB Percent	85%, 53%, 29%
CMY	0.1529, 0.4745, 0.7098
CMYK	0.00, 0.38, 0.66, 0.15
HSL	25°, 65%, 57%
HSV	25°, 66%, 85%
XYZ	38.0800, 32.1435, 10.6759
YIQ	151.6780, 68.1320, -1.2760

# Conversions

## Conversions Part 2

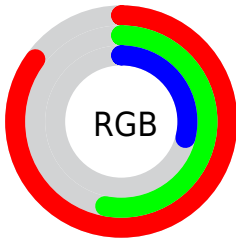
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">216, 178, 74</a>
Decimal	<a href="#">14190154</a>
CIELab	<a href="#">63.46, 26.10, 44.78</a>
CIElCh	<a href="#">63, 51.827, 59.768</a>
Yxy	<a href="#">32.1435, 0.4707, 0.3973</a>
Android (android.graphics.Color)	<a href="#">4292380234 (0xFFD8864A)</a>
YUV	<a href="#">151.6780, -38.2953, 56.4104</a>
Hunter-Lab	<a href="#">56.6953, 20.6749, 28.5222</a>

# Details

The Hex color **D8864A** 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 **4A9CD8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFBC7D**, and **9C5419** is the 20% darker color. If you saturate the color by 10%, you get **D87A34**, and if you desaturate by 10%, it is **D89260**.

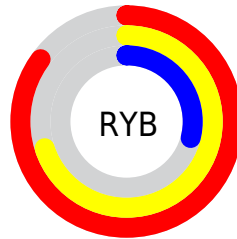
# Distribution



Red (85%)

Green (53%)

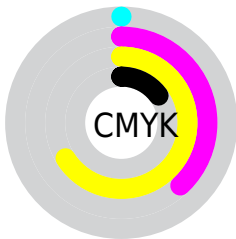
Blue (29%)



Red (85%)

Yellow (70%)

Blue (29%)

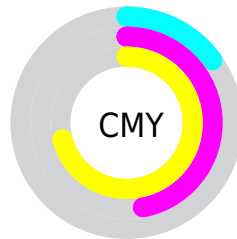


Cyan (0%)

Magenta (38%)

Yellow (66%)

Black (15%)



Cyan (15%)

Magenta (47%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8864A 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 D8864A by changing the saturation by 10% instead.



 D8864A

 D8864A

FFFFFF

 BA6C32

 FFBC7D

 9C5419

 FFD897

 7F3C00

 FFF4B2

 632500

 FFFFCE

 470E00

 FFFFEB

 2E0000

 000000

 D8864A

 D8864A

 D87A34

 D89260

 D86D1F

 D89F75

 D86109

 D8AB8B

 D85B00

 D8B8A0

 D8C4B6

 D8D1CC

 D8DDE1

 D8EAF7

 D8F6FF

# Harmonies

## Analogous

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



ED766E



D8864A



B49739

# Triad

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



D8864A



00B098



9B8EEA

# Complementary

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



D8864A



4A9CD8

# 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.



369FF6



D8864A



00B0C6

# Square

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



D8864A



47AD69



00AAE9



D27BC9

# Rectangle

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



D8864A



96A13E



00AAE9



8194F1

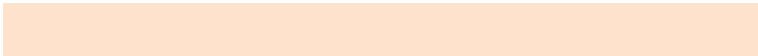


# Sweetspot

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



D8864A



FFE2CC



D84A9D



806E61



000000



808080



# Same Dimension

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



D8864A



FF8B36



D8CC4A



6B6560



AB4800



2B1200



# Inverse Universe

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



4A9CD8



36AAFF



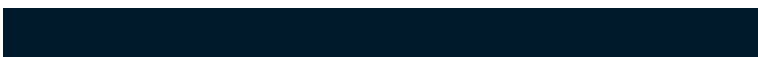
4A56D8



60676B



0063AB

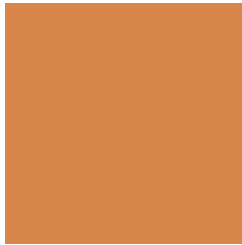


00192B



# Previews

## White Background



This preview shows how the Hex color D8864A 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

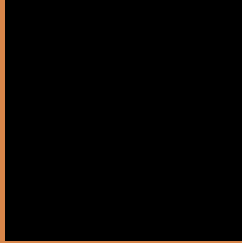
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D8864A Background



This preview shows how black text looks on a background with the Hex color D8864A.



This preview shows how white text looks on a background with the Hex color D8864A.

# 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**  
D8864A

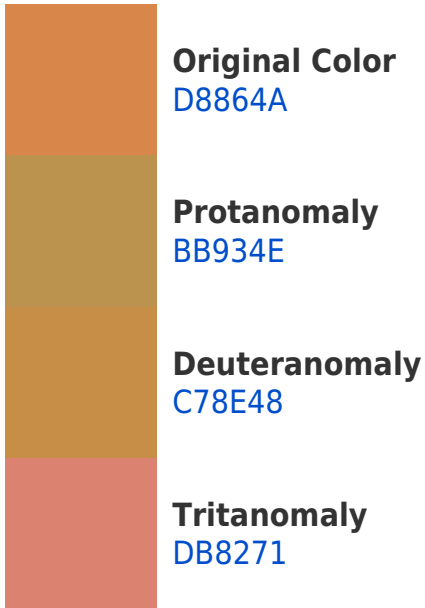
**Protanopia**  
AA9A51

**Deuteranopia**  
BE9347

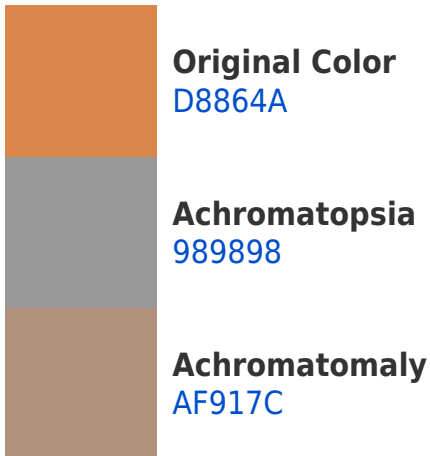


**Tritanopia**  
DC7F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8864A 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 #D8864A looks like.

```
.text, #text, p{  
    color:#D8864A  
}
```

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 #D8864A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8864A
}
```

## Border

The CSS property to change the border of an element to Hex D8864A 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
#D8864A }
```

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

```
.border{ border-color:#D8864A }
```

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

Here you see how a box with a 4 pixel #D8864A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8864A; -webkit-box-shadow:4px 4px  
4px 4px #D8864A; box-shadow:4px 4px 4px  
4px #D8864A }
```

# Background

The CSS property to change the background color of an element to Hex D8864A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8864A }
```

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

```
.background{ background-color:#D8864A }
```

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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