

# Converting Colors

Hex(D8945B)

Have a look what the booklet for  
Hex(D8945B) contains.

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# **Color**

**Hex(D8945B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8945B
RGB	216, 148, 91
RGB Percent	85%, 58%, 36%
CMY	0.1529, 0.4196, 0.6431
CMYK	0.00, 0.31, 0.58, 0.15
HSL	27°, 62%, 60%
HSV	27°, 58%, 85%
XYZ	40.7971, 36.5341, 14.7991
YIQ	161.8340, 58.8250, -3.3110

# Conversions

## Conversions Part 2

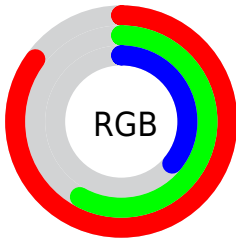
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 196, 91
Decimal	14193755
CIE <sub>Lab</sub>	66.93, 19.73, 40.15
CIE <sub>LCh</sub>	67, 44.731, 63.831
Yxy	36.5341, 0.4428, 0.3965
Android (android.graphics.Color)	4292383835 (0xFFD8945B)
YUV	161.8340, -34.9212, 47.5036
Hunter-Lab	60.4434, 14.7051, 27.7937

# Details

The Hex color **D8945B** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5B9FD8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCA8E**, and **9E612B** is the 20% darker color. If you saturate the color by 10%, you get **D88845**, and if you desaturate by 10%, it is **D8A071**.

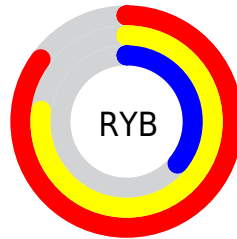
# Distribution



Red (85%)

Green (58%)

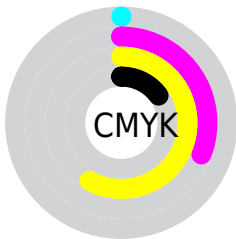
Blue (36%)



Red (85%)

Yellow (77%)

Blue (36%)

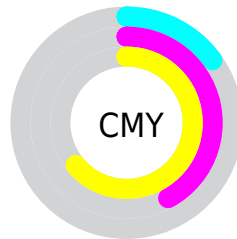


Cyan (0%)

Magenta (31%)

Yellow (58%)

Black (15%)



Cyan (15%)

Magenta (42%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8945B 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 D8945B by changing the saturation by 10% instead.



 D8945B

 D8945B

FFFFFF

 BB7A42

 FFCA8E

 9E612B

 FFE6A9

 814912

 FFFFC5

 653200

 FFFFE1

 4A1C00

FFFFFFE

 300700

 100000

 000000

 D8945B

 D8945B

 D88845

 D8A071

 D87C30

 D8AC86

 D8711A

 D8B79C

 D86505

 D8C3B1

 D86200

 D8CFC7

 D8DBDD

 D8E6F2

 D8F2FF

 D8FEFF

# Harmonies

## Analogous

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



EC8778



D8945B



B7A250

# Triad

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



D8945B



00B8A7



AD96E6

# Complementary

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



D8945B



5B9FD8

# 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.



6AA5F3



D8945B



00B6CE

# Square

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



D8945B



58B57E



00B0EA



D988C7

# Rectangle

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



D8945B



9BAA57



00B0EA



9A9CEC

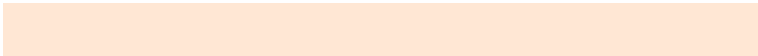


# Sweetspot

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



D8945B



FFE7D4



D85BA0



807266



000000



808080



# Same Dimension

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



D8945B



FF9F4F



D8D25B



6B6560



AB4E00



2B1400



# Inverse Universe

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



5B9FD8



4FAFFF



5B61D8



60666B



005DAB

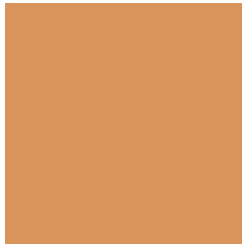


00182B



# Previews

## White Background



This preview shows how the Hex color D8945B looks on a white background.

## Color Contrast Check

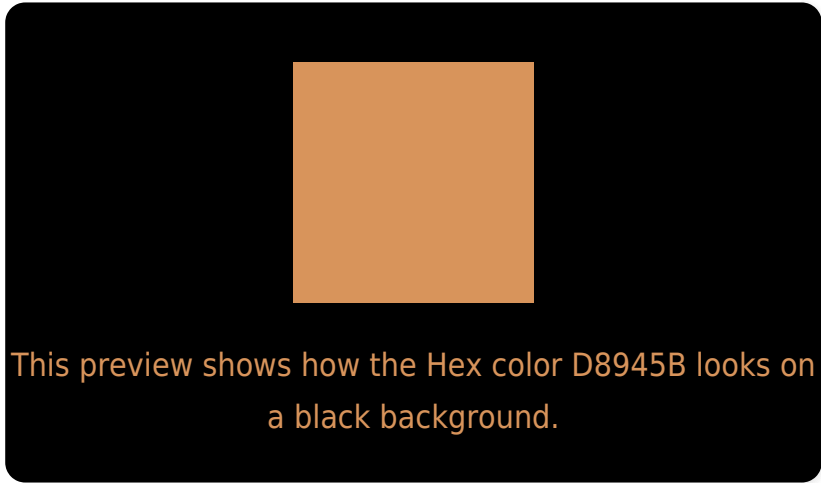
Large Text (above 18pt) WCAG AA × Fail

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

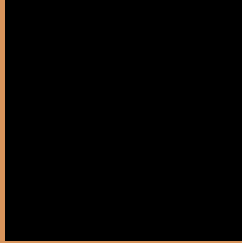
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D8945B Background



This preview shows how black text looks on a background with the Hex color D8945B.



This preview shows how white text looks on a background with the Hex color D8945B.

# 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**  
D8945B

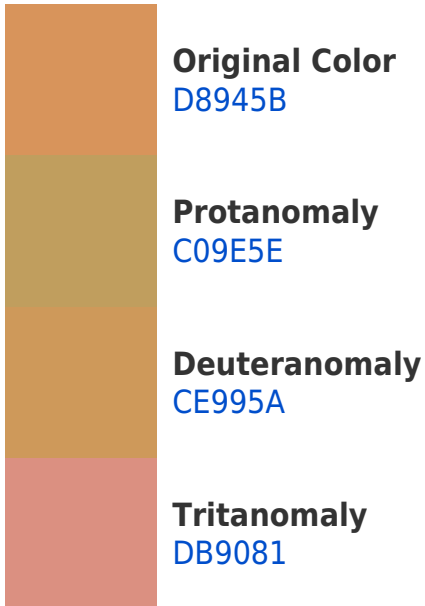
**Protanopia**  
B3A360

**Deuteranopia**  
C89C59

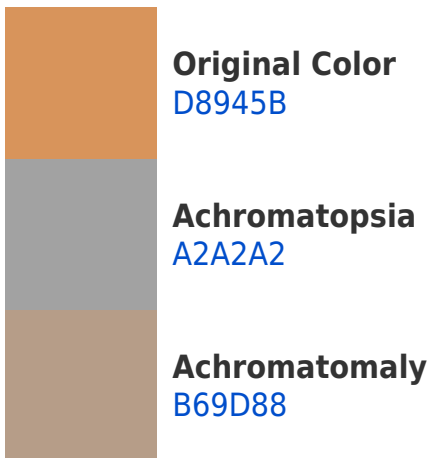


**Tritanopia**  
DD8D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8945B 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 #D8945B looks like.

```
.text, #text, p{  
    color:#D8945B  
}
```

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 #D8945B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8945B
}
```

## Border

The CSS property to change the border of an element to Hex D8945B 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
#D8945B }
```

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

```
.border{ border-color:#D8945B }
```

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

Here you see how a box with a 4 pixel #D8945B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8945B; -webkit-box-shadow:4px 4px  
4px 4px #D8945B; box-shadow:4px 4px 4px  
4px #D8945B }
```

# Background

The CSS property to change the background color of an element to Hex D8945B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8945B }
```

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

```
.background{ background-color:#D8945B }
```

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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