

# Converting Colors

Hex(D9745B)

Have a look what the booklet for  
Hex(D9745B) contains.

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**Color**

**Hex(D9745B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9745B
RGB	217, 116, 91
RGB Percent	85%, 45%, 36%
CMY	0.1490, 0.5451, 0.6431
CMYK	0.00, 0.47, 0.58, 0.15
HSL	12°, 62%, 60%
HSV	12°, 58%, 85%
XYZ	36.7490, 27.9978, 13.3648
YIQ	143.3490, 68.2210, 13.6370

# Conversions

## Conversions Part 2

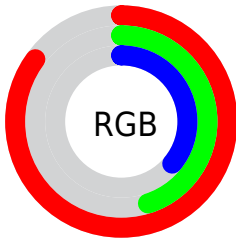
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 122, 91</a>
Decimal	<a href="#">14251099</a>
CIELab	<a href="#">59.89, 37.16, 31.44</a>
CIELCh	<a href="#">60, 48.676, 40.240</a>
Yxy	<a href="#">27.9978, 0.4705, 0.3584</a>
Android (android.graphics.Color)	<a href="#">4292441179 (0xFFD9745B)</a>
YUV	<a href="#">143.3490, -25.8081, 64.5919</a>
Hunter-Lab	<a href="#">52.9130, 31.3737, 22.0636</a>

# Details

The Hex color **D9745B** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5BC0D9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAA8E**, and **9D412C** is the 20% darker color. If you saturate the color by 10%, you get **D96345**, and if you desaturate by 10%, it is **D98571**.

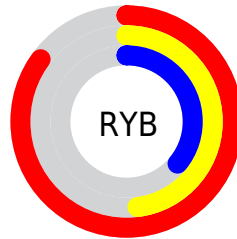
# Distribution



Red (85%)

Green (45%)

Blue (36%)



Red (85%)

Yellow (48%)

Blue (36%)

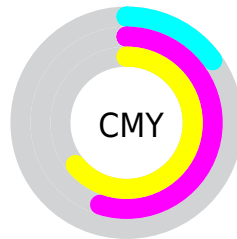


Cyan (0%)

Magenta (47%)

Yellow (58%)

Black (15%)



Cyan (15%)

Magenta (55%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9745B 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 D9745B by changing the saturation by 10% instead.



 D9745B

 D9745B

FFFFFF

 BB5A43

 FFAA8E

 9D412C

 FFC5A8

 802817

 FFE2C3

 640C00

 FFFFDF

 480000

 FFFFFC

 300002

 000000

 D9745B

 D9745B

 D96345

 D98571

 D95130

 D99786

 D9401A

 D9A89C

 D92E04

 D9BAB2

 D92B00

 D9CBC8

 D9DCDD

 D9EEF3

 D9FFFF

# Harmonies

## Analogous

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



E06B83



D9745B



C0843E

# Triad

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



D9745B



23A472



5F90E5

# Complementary

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



D9745B



5BC0D9

# 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.



009DE0



D9745B



00A69E

# Square

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



D9745B



6C9D4C



00A4C7



A67FD2

# Rectangle

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



D9745B



A88E36



00A4C7



3995E6



# Sweetspot

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



D9745B



FFDCD4



D95BC2



806B66



000000



808080



# Same Dimension

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



D9745B



FF704D



D9B15B



6E6563



AD2200



2E0900



# Inverse Universe

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



5BC0D9



4DDCFF



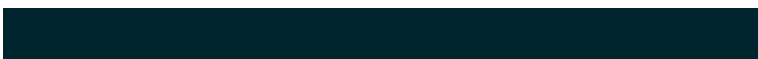
5B83D9



636B6E



008BAD



00252E



# Previews

## White Background



This preview shows how the Hex color D9745B looks on a white background.

## Color Contrast Check

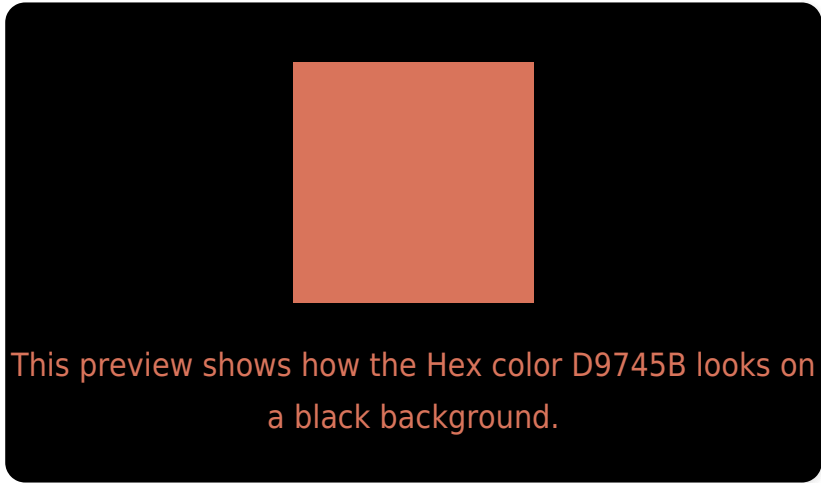
Large Text (above 18pt) WCAG AA ✓ Pass

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 D9745B Background



This preview shows how black text looks on a background with the Hex color D9745B.

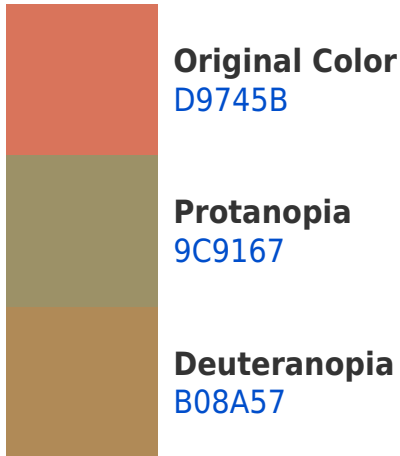


This preview shows how white text looks on a background with the Hex color D9745B.

# 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](#).

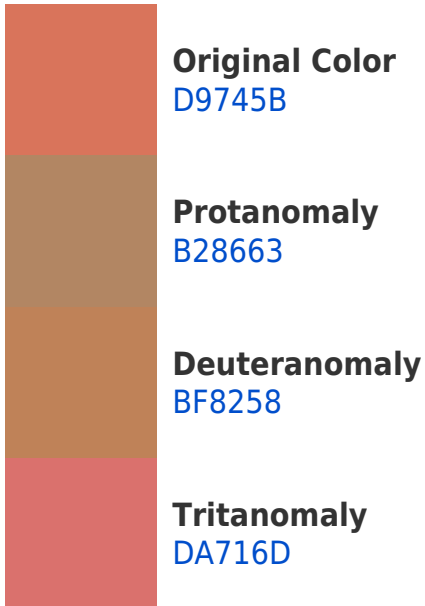
## Dichromacy



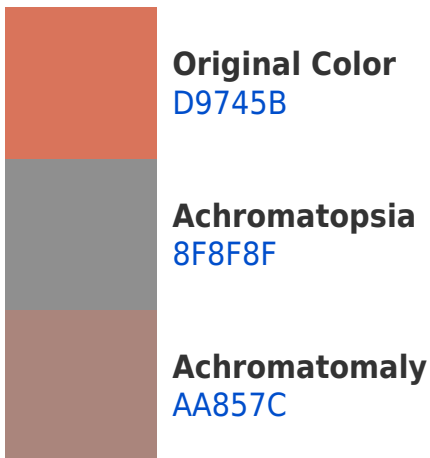


**Tritanopia**  
DB7078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9745B 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 #D9745B looks like.

```
.text, #text, p{  
    color:#D9745B  
}
```

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 #D9745B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9745B
}
```

## Border

The CSS property to change the border of an element to Hex D9745B 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
#D9745B }
```

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

```
.border{ border-color:#D9745B }
```

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

Here you see how a box with a 4 pixel #D9745B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9745B; -webkit-box-shadow:4px 4px  
4px 4px #D9745B; box-shadow:4px 4px 4px  
4px #D9745B }
```

# Background

The CSS property to change the background color of an element to Hex D9745B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9745B }
```

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

```
.background{ background-color:#D9745B }
```

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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