

# Converting Colors

Hex(DE9773)

Have a look what the booklet for  
Hex(DE9773) contains.

<b>Hex(DE9773)</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(DE9773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE9773
RGB	222, 151, 115
RGB Percent	87%, 59%, 45%
CMY	0.1294, 0.4078, 0.5490
CMYK	0.00, 0.32, 0.48, 0.13
HSL	20°, 62%, 66%
HSV	20°, 48%, 87%
XYZ	44.2853, 38.9006, 21.3941
YIQ	168.1250, 53.8720, 3.8560

# Conversions

## Conversions Part 2

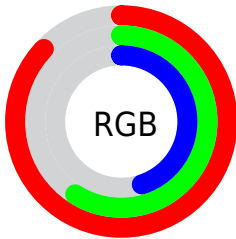
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 169, 115
Decimal	14587763
CIE <sub>Lab</sub>	68.68, 22.63, 29.73
CIE <sub>LCh</sub>	69, 37.359, 52.723
Yxy	38.9006, 0.4235, 0.3720
Android (android.graphics.Color)	4292777843 (0xFFDE9773)
YUV	168.1250, -26.1906, 47.2484
Hunter-Lab	62.3704, 17.5936, 23.3217

# Details

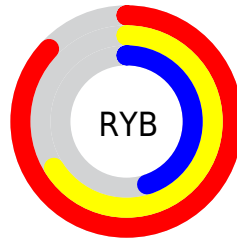
The Hex color **DE9773** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73BADE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFCEA7**, and **A46442** is the 20% darker color. If you saturate the color by 10%, you get **DE885D**, and if you desaturate by 10%, it is **DEA689**.

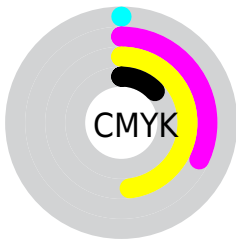
# Distribution



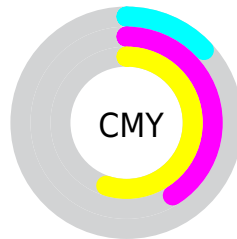
- Red (87%)
- Green (59%)
- Blue (45%)



- Red (87%)
- Yellow (66%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (48%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE9773 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 DE9773 by changing the saturation by 10% instead.



 DE9773

 DE9773

FFFFFF

 C17D5A

 FFCEA7

 A46442

 FFEAC3

 884B2B

 FFFFDF

 6C3416

 FFFFFB

 521E00

 370700

 1F0001

 000000

 DE9773

 DE9773

 DE885D

 DEA689

 DE7A47

 DEB49F

 DE6B30

 DEC3B6

 DE5C1A

 DED2CC

 DE4D04

 DEE1E2

 DE4B00

 DEEFF8

 DEFEFF

 DEFFFF

# Harmonies

## Analogous

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



E98F8F



DE9773



C5A364

# Triad

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



DE9773



50B99E



A0A2E6

# Complementary

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



DE9773



73BADE

# 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.



68ADEA



DE9773



1CB9C0

# Square

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



DE9773



7CB57D



29B5DC



CA96D1

# Rectangle

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



DE9773



B0AA65



29B5DC



8EA6E9

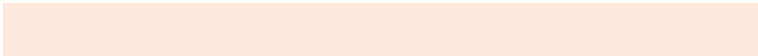


# Sweetspot

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



DE9773



FFE7DB



DE73BA



80716A



000000



808080



# Same Dimension

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



DE9773



FF9D6B



DECC73



706965



B03B00



301000



# Inverse Universe

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



73BADE



6BCDFF



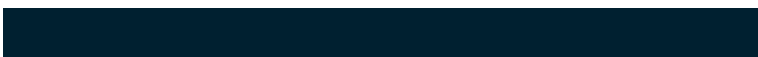
7385DE



656C70



0075B0



002030



# Previews

## White Background



This preview shows how the Hex color DE9773 looks on a white background.

## Color Contrast Check

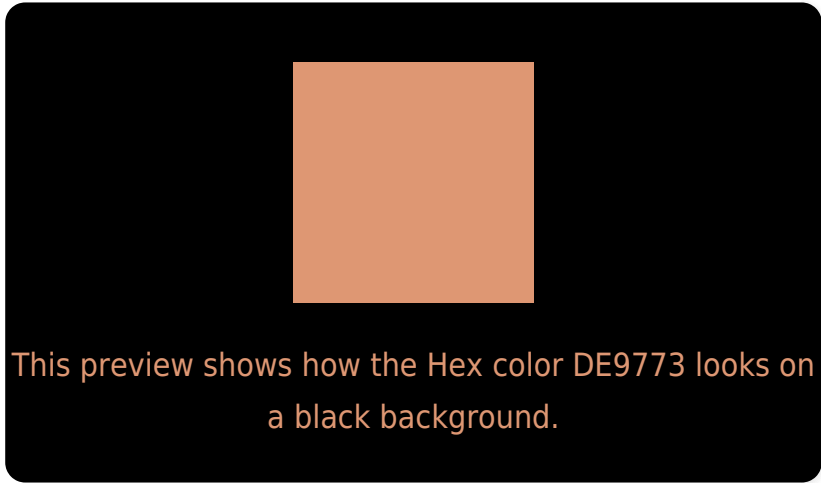
Large Text (above 18pt) WCAG AA × Fail

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

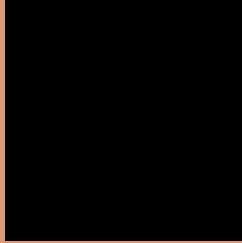
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DE9773 Background



This preview shows how black text looks on a background with the Hex color DE9773.

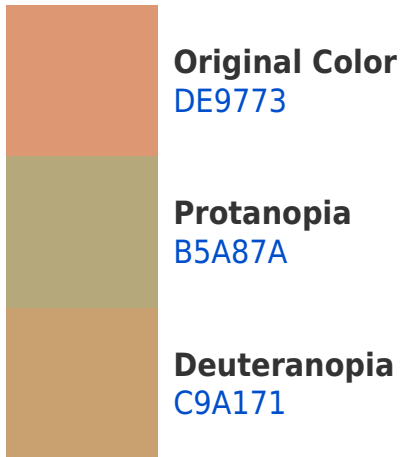



This preview shows how white text looks on a background with the Hex color DE9773.

# 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](#).

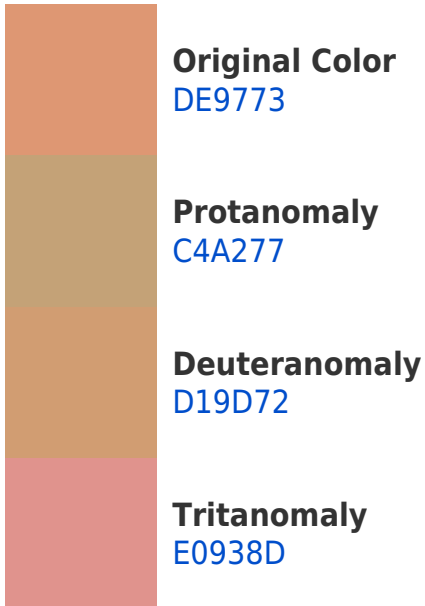
## Dichromacy



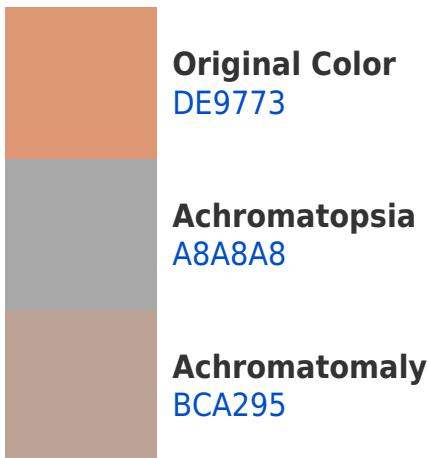


**Tritanopia**  
E1919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE9773 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 #DE9773 looks like.

```
.text, #text, p{  
    color:#DE9773  
}
```

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 #DE9773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9773
}
```

## Border

The CSS property to change the border of an element to Hex DE9773 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
#DE9773 }
```

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

```
.border{ border-color:#DE9773 }
```

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

Here you see how a box with a 4 pixel #DE9773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9773; -webkit-box-shadow:4px 4px  
4px 4px #DE9773; box-shadow:4px 4px 4px  
4px #DE9773 }
```

# Background

The CSS property to change the background color of an element to Hex DE9773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9773 }
```

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

```
.background{ background-color:#DE9773 }
```

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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