

# Converting Colors

Hex(D99763)

Have a look what the booklet for  
Hex(D99763) contains.

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**Color**

**Hex(D99763)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D99763
RGB	217, 151, 99
RGB Percent	85%, 59%, 39%
CMY	0.1490, 0.4078, 0.6118
CMYK	0.00, 0.30, 0.54, 0.15
HSL	26°, 61%, 62%
HSV	26°, 54%, 85%
XYZ	41.9340, 37.7858, 16.8876
YIQ	164.8060, 56.0280, -2.1800

# Conversions

## Conversions Part 2

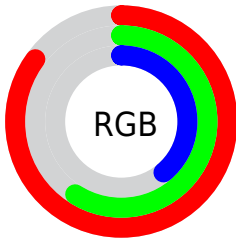
Format	Color
<a href="#">RYB</a>	<a href="#">217, 192, 99</a>
Decimal	<a href="#">14260067</a>
CIELab	<a href="#">67.86, 19.16, 37.13</a>
CIElCh	<a href="#">68, 41.787, 62.705</a>
Yxy	<a href="#">37.7858, 0.4341, 0.3911</a>
Android (android.graphics.Color)	<a href="#">4292450147</a> ( <a href="#">0xFFD99763</a> )
YUV	<a href="#">164.8060, -32.4424, 45.7741</a>
Hunter-Lab	<a href="#">61.4701, 14.1973, 26.7404</a>

# Details

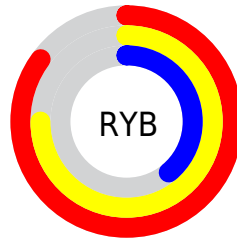
The Hex color **D99763** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63A5D9**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCD97**, and **9F6433** is the 20% darker color. If you saturate the color by 10%, you get **D98B4D**, and if you desaturate by 10%, it is **D9A379**.

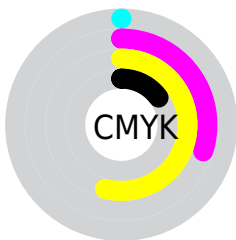
# Distribution



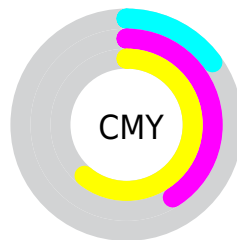
- Red (85%)
- Green (59%)
- Blue (39%)



- Red (85%)
- Yellow (75%)
- Blue (39%)



- Cyan (0%)
- Magenta (30%)
- Yellow (54%)
- Black (15%)



- Cyan (15%)
- Magenta (41%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D99763 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 D99763 by changing the saturation by 10% instead.



 D99763

 D99763

FFFFFF

 BC7D4A

 FFCD97

 9F6433

 FFEAB2

 834C1B

 FFFFCD

 673503

 FFFFEA

 4C1F00

 320A00

 160000

 000000

 D99763

 D99763

 D98B4D

 D9A379

 D97F38

 D9AF8E

 D97322

 D9BBA4

 D9660C

 D9C8BA

 D96000

 D9D4D0

 D9E0E5

 D9ECFB

 D9F8FF

 D9FFFF

# Harmonies

## Analogous

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



EB8B7F



D99763



BAA459

# Triad

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



D99763



1BB9A8



AE9AE5

# Complementary

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



D99763



63A5D9

# 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.



70A8F0



D99763



00B8CD

# Square

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



D99763



63B681



01B2E8



D78DC9

# Rectangle

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



D99763



A0AC5E



01B2E8



9B9FEB

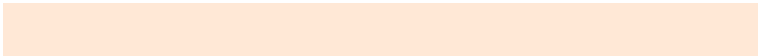


# Sweetspot

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



D99763



FFE8D6



D963A6



807267



000000



808080



# Same Dimension

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



D99763



FFA259



D9D163



6E6863



AD4C00



2E1400

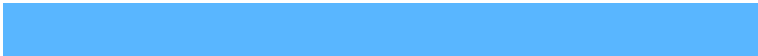


# Inverse Universe

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



63A5D9



59B6FF



636BD9



63696E



0061AD



001A2E



# Previews

## White Background



This preview shows how the Hex color D99763 looks on a white background.

## Color Contrast Check

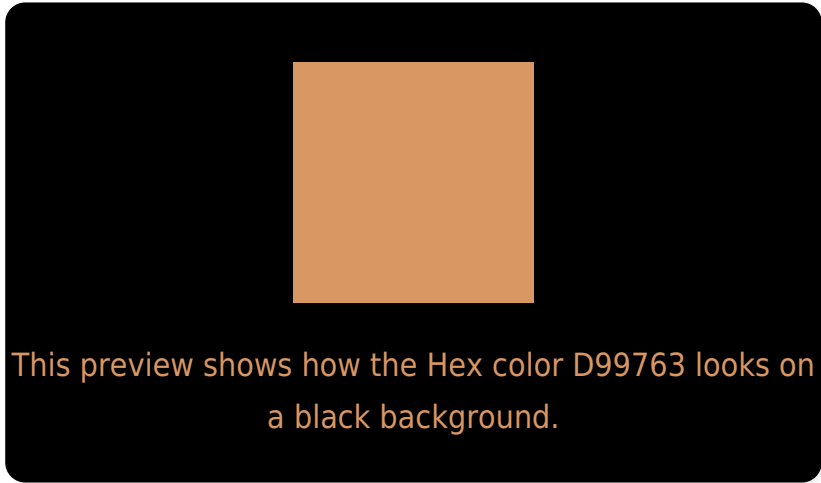
Large Text (above 18pt) WCAG AA × Fail

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

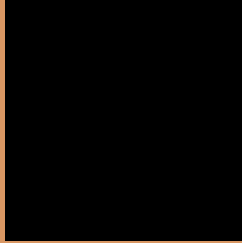
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D99763 Background



This preview shows how black text looks on a background with the Hex color D99763.



This preview shows how white text looks on a background with the Hex color D99763.

# 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**  
D99763

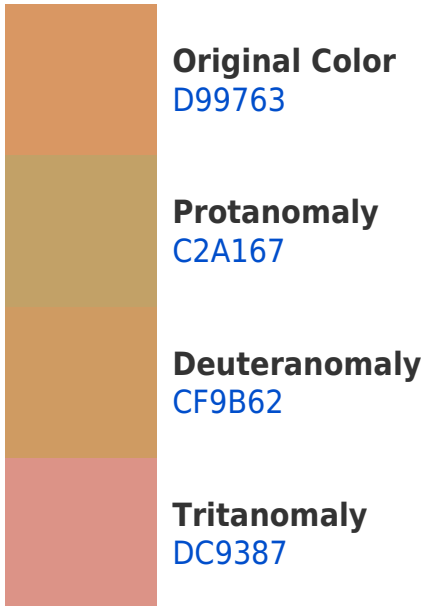
**Protanopia**  
B5A669

**Deuteranopia**  
C99E61

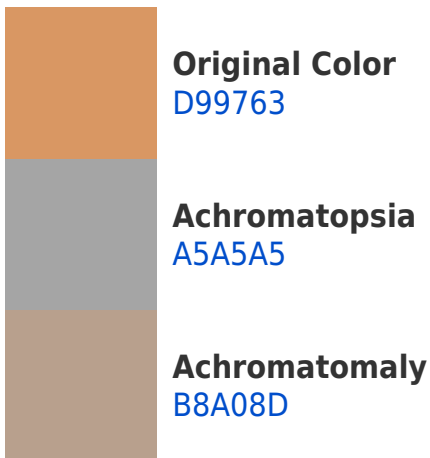


**Tritanopia**  
DD909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D99763 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 #D99763 looks like.

```
.text, #text, p{  
    color:#D99763  
}
```

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 #D99763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99763
}
```

## Border

The CSS property to change the border of an element to Hex D99763 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
#D99763 }
```

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

```
.border{ border-color:#D99763 }
```

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

Here you see how a box with a 4 pixel #D99763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99763; -webkit-box-shadow:4px 4px  
4px 4px #D99763; box-shadow:4px 4px 4px  
4px #D99763 }
```

# Background

The CSS property to change the background color of an element to Hex D99763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99763 }
```

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

```
.background{ background-color:#D99763 }
```

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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