

# Converting Colors

Hex(CD9E75)

Have a look what the booklet for  
Hex(CD9E75) contains.

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# **Color**

**Hex(CD9E75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD9E75
RGB	205, 158, 117
RGB Percent	80%, 62%, 46%
CMY	0.1961, 0.3804, 0.5412
CMYK	0.00, 0.23, 0.43, 0.20
HSL	28°, 47%, 63%
HSV	28°, 43%, 80%
XYZ	40.6146, 38.7172, 22.1622
YIQ	167.3790, 41.1730, -2.7870

# Conversions

## Conversions Part 2

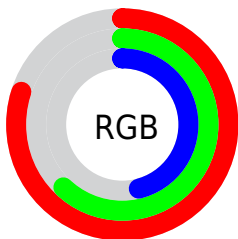
Format	Color
<a href="#">RYB</a>	<a href="#">205, 194, 117</a>
Decimal	<a href="#">13475445</a>
CIELab	<a href="#">68.55, 12.18, 28.12</a>
CIELCh	<a href="#">69, 30.647, 66.579</a>
Yxy	<a href="#">38.7172, 0.4002, 0.3815</a>
Android (android.graphics.Color)	<a href="#">4291665525</a> ( <a href="#">0xFFCD9E75</a> )
YUV	<a href="#">167.3790, -24.8368, 32.9936</a>
Hunter-Lab	<a href="#">62.2232, 7.6208, 22.4387</a>

# Details

The Hex color **CD9E75** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75A4CD**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD5A9**, and **956B44** is the 20% darker color. If you saturate the color by 10%, you get **CD9361**, and if you desaturate by 10%, it is **CDA98A**.

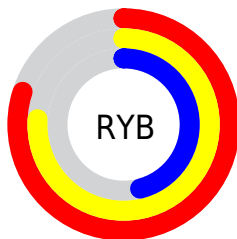
# Distribution



Red (80%)

Green (62%)

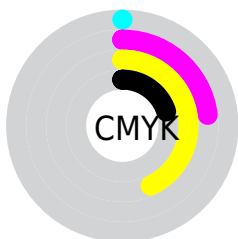
Blue (46%)



Red (80%)

Yellow (76%)

Blue (46%)

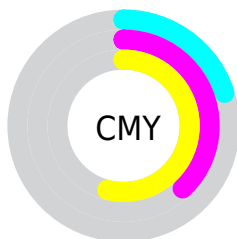


Cyan (0%)

Magenta (23%)

Yellow (43%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD9E75 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 CD9E75 by changing the saturation by 10% instead.



 CD9E75

 CD9E75

FFFFFF

 B1845C

 FFD5A9

 956B44

 FFF1C5

 7A522D

 FFFFFE1

 5F3B17

FFFFFFE

 462500

 2D1100

 0F0000

 000000

 CD9E75

 CD9E75

 CD9361

 CDA98A

 CD884C

 CDB49E

 CD7D37

 CDBFB3

 CD7223

 CDCAC7

 CD670E

 CDD5DC

 CD6000

 CDE0F0

 CDEBFF

 CDF6FF

 CDFFFF

# Harmonies

## Analogous

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



DC9687



CD9E75



B4A770

# Triad

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



CD9E75



58B6AD



B39ED4

# Complementary

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



CD9E75



75A4CD

# 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.



8CA8DE



CD9E75



4CB5C7

# Square

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



CD9E75



76B590



63B0D9



D096BE

# Rectangle

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



CD9E75



A1AD75



63B0D9



A7A1D9

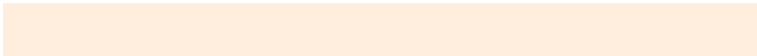


# Sweetspot

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



CD9E75



FFEDDE



CD75A5



80756B



000000



808080



# Same Dimension

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



CD9E75



FFB87A



CDC975



66615C



A64D00



261200

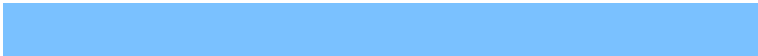


# Inverse Universe

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



75A4CD



7AC1FF



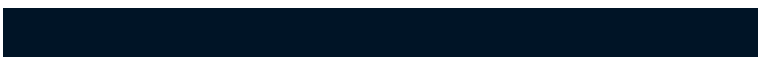
7579CD



5C6166



0059A6

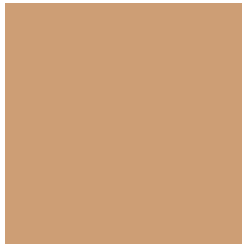


001426



# Previews

## White Background



This preview shows how the Hex color CD9E75 looks on a white background.

## Color Contrast Check

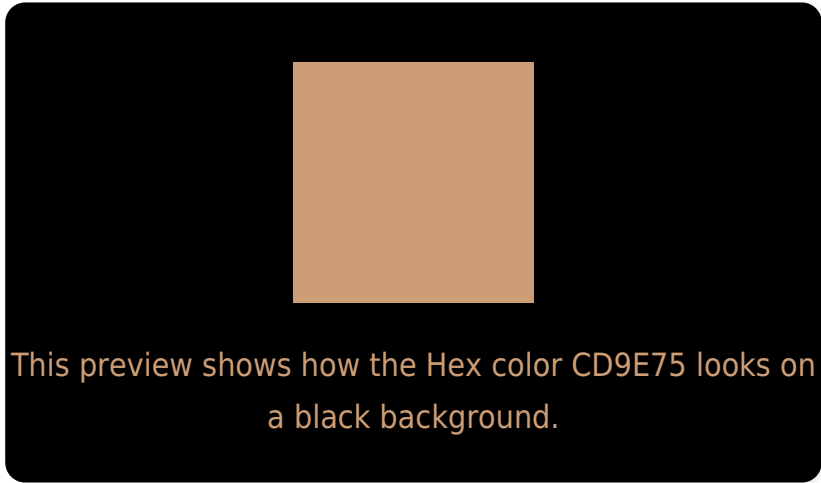
Large Text (above 18pt) WCAG AA × Fail

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

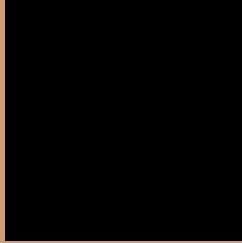
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CD9E75 Background



This preview shows how black text looks on a background with the Hex color CD9E75.

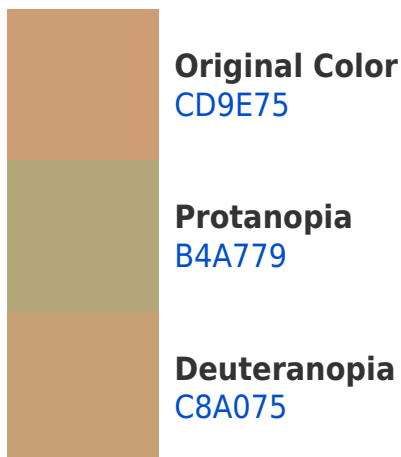



This preview shows how white text looks on a background with the Hex color CD9E75.

# 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**  
D198A4

# Trichromacy



**Original Color**  
CD9E75

**Protanomaly**  
BDA478

**Deuteranomaly**  
CA9F75

**Tritanomaly**  
D09A93

# Monochromacy



**Original Color**  
CD9E75

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
B5A495

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD9E75 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 #CD9E75 looks like.

```
.text, #text, p{  
    color:#CD9E75  
}
```

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 #CD9E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD9E75  
}
```

## Border

The CSS property to change the border of an element to Hex CD9E75 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  
#CD9E75 }
```

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

```
.border{ border-color:#CD9E75 }
```

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

Here you see how a box with a 4 pixel #CD9E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD9E75; -webkit-box-shadow:4px 4px  
4px 4px #CD9E75; box-shadow:4px 4px 4px  
4px #CD9E75 }
```

# Background

The CSS property to change the background color of an element to Hex CD9E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD9E75 }
```

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

```
.background{ background-color:#CD9E75 }
```

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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