

# Converting Colors

Hex(C99E76)

Have a look what the booklet for  
Hex(C99E76) contains.

<b>Hex(C99E76)</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(C99E76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C99E76
RGB	201, 158, 118
RGB Percent	79%, 62%, 46%
CMY	0.2118, 0.3804, 0.5373
CMYK	0.00, 0.21, 0.41, 0.21
HSL	29°, 43%, 63%
HSV	29°, 41%, 79%
XYZ	39.5843, 38.1792, 22.4226
YIQ	166.2970, 38.4680, -3.3240

# Conversions

## Conversions Part 2

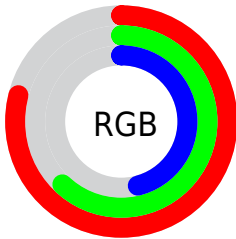
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 195, 118
Decimal	13213302
CIE <sub>Lab</sub>	68.15, 10.67, 26.98
CIE <sub>LCh</sub>	68, 29.016, 68.434
Yxy	38.1792, 0.3951, 0.3811
Android (android.graphics.Color)	4291403382 (0xFFC99E76)
YUV	166.2970, -23.8104, 30.4345
Hunter-Lab	61.7893, 6.2216, 21.7370

# Details

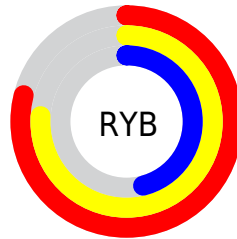
The Hex color **C99E76** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76A1C9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFD5AA**, and **916B45** is the 20% darker color. If you saturate the color by 10%, you get **C99462**, and if you desaturate by 10%, it is **C9A88A**.

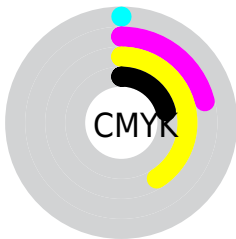
# Distribution



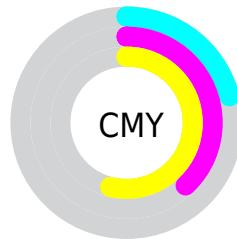
- Red (79%)
- Green (62%)
- Blue (46%)



- Red (79%)
- Yellow (76%)
- Blue (46%)



- Cyan (0%)
- Magenta (21%)
- Yellow (41%)
- Black (21%)



- Cyan (21%)
- Magenta (38%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C99E76 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 C99E76 by changing the saturation by 10% instead.



 C99E76

FFFFFF


 FFD5AA

 FFF1C6

 FFFFFE2

 C99E76

 AD845D

 916B45

 76522E

 5C3B18

 432600

 2A1100

 070000

 000000

 C99E76

 C99E76

 C99462

 C9A88A

 C9894E

 C9B39E

 C97F3A

 C9BDB2

 C97426

 C9C8C6

 C96A12

 C9D2DB

 C96100

 C9DCEF

 C9E7FF

 C9F1FF

 C9FCFF

# Harmonies

## Analogous

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



D89687



C99E76



B1A772

# Triad

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



C99E76



5BB5AD



B39DCF

# Complementary

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



C99E76



76A1C9

# 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.



8FA6DA



C99E76



53B3C6

# Square

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



C99E76



76B392



69AED6



CE95BA

# Rectangle

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



C99E76



9EAC77



69AED6



A8A0D4

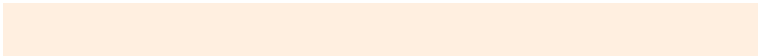


# Sweetspot

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



C99E76



FFEFE0



C976A2



80766E



000000



808080



# Same Dimension

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



C99E76



FFBD80



C9C676



635E5A



A34F00



241100

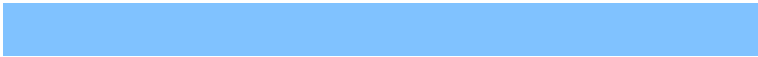


# Inverse Universe

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



76A1C9



80C2FF



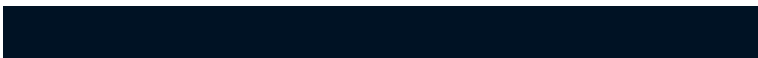
7679C9



5A5F63



0055A3



001224



# Previews

## White Background



This preview shows how the Hex color C99E76 looks on a white background.

## Color Contrast Check

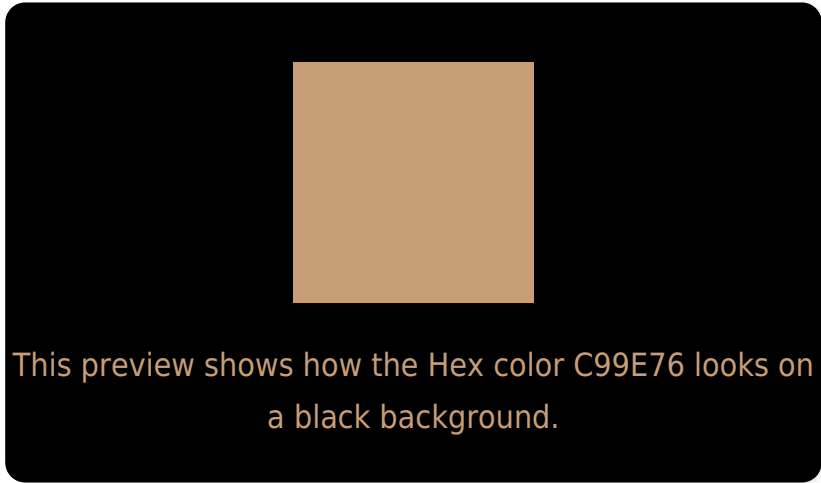
Large Text (above 18pt) WCAG AA × Fail

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

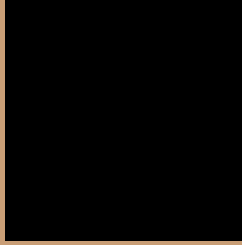
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C99E76 Background



This preview shows how black text looks on a background with the Hex color C99E76.

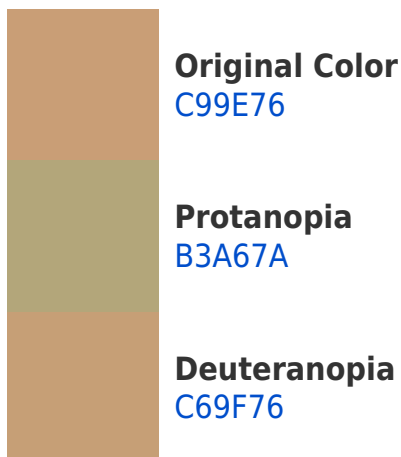


This preview shows how white text looks on a background with the Hex color C99E76.

# 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**  
CD98A4

# Trichromacy



**Original Color**  
C99E76

**Protanomaly**  
BBA379

**Deuteranomaly**  
C79F76

**Tritanomaly**  
CC9A93

# Monochromacy



**Original Color**  
C99E76

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
B3A395

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C99E76 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 #C99E76 looks like.

```
.text, #text, p{  
    color:#C99E76  
}
```

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 #C99E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99E76  
}
```

## Border

The CSS property to change the border of an element to Hex C99E76 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  
#C99E76 }
```

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

```
.border{ border-color:#C99E76 }
```

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

Here you see how a box with a 4 pixel #C99E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99E76; -webkit-box-shadow:4px 4px  
4px 4px #C99E76; box-shadow:4px 4px 4px  
4px #C99E76 }
```

# Background

The CSS property to change the background color of an element to Hex C99E76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99E76 }
```

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

```
.background{ background-color:#C99E76 }
```

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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