

# Converting Colors

Hex(CD9E90)

Have a look what the booklet for  
Hex(CD9E90) contains.

<b>Hex(CD9E90)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(CD9E90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD9E90
RGB	205, 158, 144
RGB Percent	80%, 62%, 56%
CMY	0.1961, 0.3804, 0.4353
CMYK	0.00, 0.23, 0.30, 0.20
HSL	14°, 38%, 68%
HSV	14°, 30%, 80%
XYZ	42.4377, 39.4465, 31.7628
YIQ	170.4570, 32.5060, 5.6100

# Conversions

## Conversions Part 2

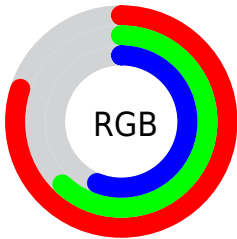
<b>Format</b>	<b>Color</b>
RYB	205, 162, 144
Decimal	13475472
CIELab	69.07, 15.46, 14.04
CIELCh	69, 20.881, 42.235
Yxy	39.4465, 0.3734, 0.3471
Android (android.graphics.Color)	4291665552 (0xFFCD9E90)
YUV	170.4570, -13.0433, 30.2942
Hunter-Lab	62.8064, 10.6996, 13.9801

# Details

The Hex color **CD9E90** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **90BFCD**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD5C6**, and **966A5E** is the 20% darker color. If you saturate the color by 10%, you get **CD8E7B**, and if you desaturate by 10%, it is **CDAEA4**.

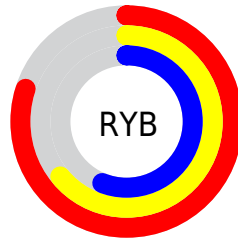
# Distribution



Red (80%)

Green (62%)

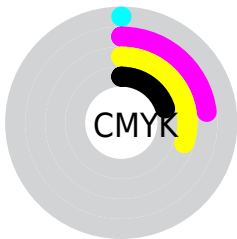
Blue (56%)



Red (80%)

Yellow (64%)

Blue (56%)

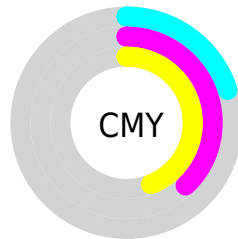


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD9E90 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 CD9E90 by changing the saturation by 10% instead.



 CD9E90

 CD9E90

FFFFFF

 B18476

 FFD5C6

 966A5E

 FFF1E2

 7B5246

FFFFFFE

 613B30

 48251B

 311000

 180001

 000000

 CD9E90

 CD9E90

CD8E7B

CDAEA4

CD7E67

CDBEB9

CD6F52

CDCDCE

CD5F3E

CDDDE2

CD4F29

CDEDF7

CD3F15

CDFDF7

CD2F00

CDFFFF

# Harmonies

## Analogous

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



D09BA1



CD9E90



C1A485

# Triad

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



CD9E90



85B39C



9DA8CD

# Complementary

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



CD9E90



90BFCD

# 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.



85AECC



CD9E90



76B3B0

# Square

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



CD9E90



9AAF8C



76B2C1



B5A1C5

# Rectangle

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



CD9E90



B6A883



76B2C1



94AACE

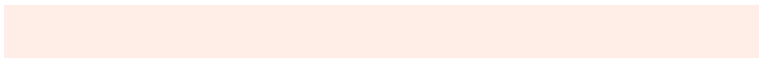


# Sweetspot

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



CD9E90



FFEDE8



CD90C0



807571



000000



808080



# Same Dimension

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



CD9E90



FFB8A3



CDBC90



665E5C



A62600



260900

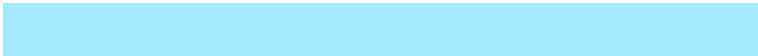


# Inverse Universe

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



90BFCD



A3EAFF



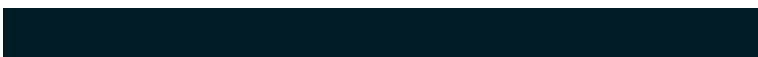
90A1CD



5C6466



0080A6



001D26



# Previews

## White Background



This preview shows how the Hex color CD9E90 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



This preview shows how the Hex color CD9E90 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

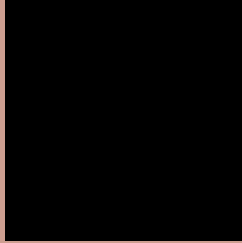
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CD9E90 Background



This preview shows how black text looks on a background with the Hex color CD9E90.



This preview shows how white text looks on a background with the Hex color CD9E90.

# 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**  
CF9BA7

# Trichromacy



**Original Color**  
CD9E90

**Protanomaly**  
BBA493

**Deuteranomaly**  
C6A18F

**Tritanomaly**  
CE9C9F

# Monochromacy



**Original Color**  
CD9E90

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
B7A6A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD9E90 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 #CD9E90 looks like.

```
.text, #text, p{  
    color:#CD9E90  
}
```

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 #CD9E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD9E90
}
```

## Border

The CSS property to change the border of an element to Hex CD9E90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

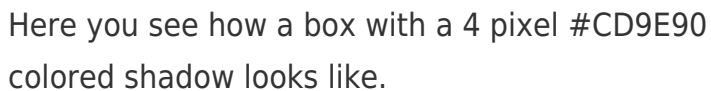
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CD9E90 }
```

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

```
.border{ border-color:#CD9E90 }
```

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



Here you see how a box with a 4 pixel #CD9E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD9E90; -webkit-box-shadow:4px 4px  
4px 4px #CD9E90; box-shadow:4px 4px 4px  
4px #CD9E90 }
```

# Background

The CSS property to change the background color of an element to Hex CD9E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD9E90 }
```

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

```
.background{ background-color:#CD9E90 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor