

# Converting Colors

Hex(CC9F90)

Have a look what the booklet for  
Hex(CC9F90) contains.

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# **Color**

**Hex(CC9F90)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CC9F90                    |
| RGB           | 204, 159, 144             |
| RGB Percent   | 80%, 62%, 56%             |
| CMY           | 0.2000, 0.3765, 0.4353    |
| CMYK          | 0.00, 0.22, 0.29, 0.20    |
| HSL           | 15°, 37%, 68%             |
| HSV           | 15°, 29%, 80%             |
| XYZ           | 42.3340, 39.6473, 31.8070 |
| YIQ           | 170.7450, 31.6350, 4.8750 |

# Conversions

## Conversions Part 2

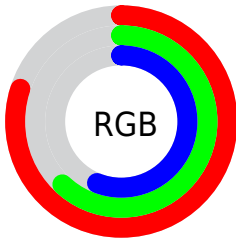
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 204, 164, 144                  |
| Decimal                             | 13410192                       |
| CIE Lab                             | 69.22, 14.53, 14.22            |
| CIE LCh                             | 69, 20.331, 44.392             |
| Yxy                                 | 39.6473, 0.3720,<br>0.3484     |
| Android<br>(android.graphics.Color) | 4291600272<br>(0xFFCC9F90)     |
| YUV                                 | 170.7450, -13.1853,<br>29.1646 |
| Hunter-Lab                          | 62.9661, 9.8204,<br>14.1262    |

# Details

The Hex color **CC9F90** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **90BDCC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD6C6**, and **956B5E** is the 20% darker color. If you saturate the color by 10%, you get **CC907C**, and if you desaturate by 10%, it is **CCAEA4**.

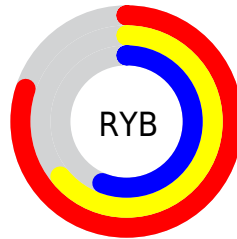
# Distribution



Red (80%)

Green (62%)

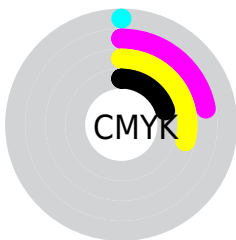
Blue (56%)



Red (80%)

Yellow (64%)

Blue (56%)

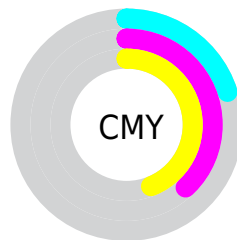


Cyan (0%)

Magenta (22%)

Yellow (29%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC9F90 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 CC9F90 by changing the saturation by 10% instead.



 CC9F90

 CC9F90

FFFFFF

 B08576

 FFD6C6

 956B5E

 FFF2E2

 7A5346

FFFFFFE

 603C30

 47261B

 301100

 170000

 000000

 CC9F90

 CC9F90

 CC907C

 CCAEA4

 CC8067

 CCBEB9

 CC7153

 CCCDCD

 CC623E

 CCDCE2

 CC522A

 CCEBF6

 CC4316

 CCFBFF

 CC3401

 CCFFFF

 CC3300

# Harmonies

## Analogous

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



CF9CA1



CC9F90



C0A486

# Triad

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



CC9F90



85B39E



9FA8CC

# Complementary

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



CC9F90



90BDCC

# 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.



88AECC



CC9F90



78B4B1

# Square

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



CC9F90



99B08E



78B2C2



B7A1C3

# Rectangle

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



CC9F90



B4A984



78B2C2



97AACD

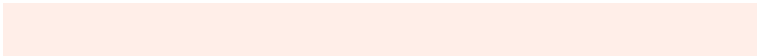


# Sweetspot

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



CC9F90



FFEEE8



CC90BD



807571



000000



808080



# Same Dimension

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



CC9F90



FFBCA6



CCBD90



665E5C



A62900



260A00

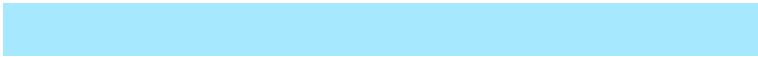


# Inverse Universe

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



90BDCC



A6E9FF



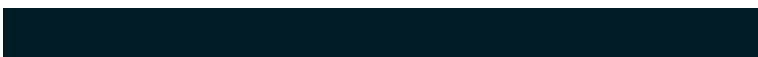
909FCC



5C6366



007CA6

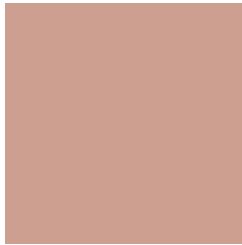


001D26



# Previews

## White Background



This preview shows how the Hex color CC9F90 looks on a white background.

## Color Contrast Check

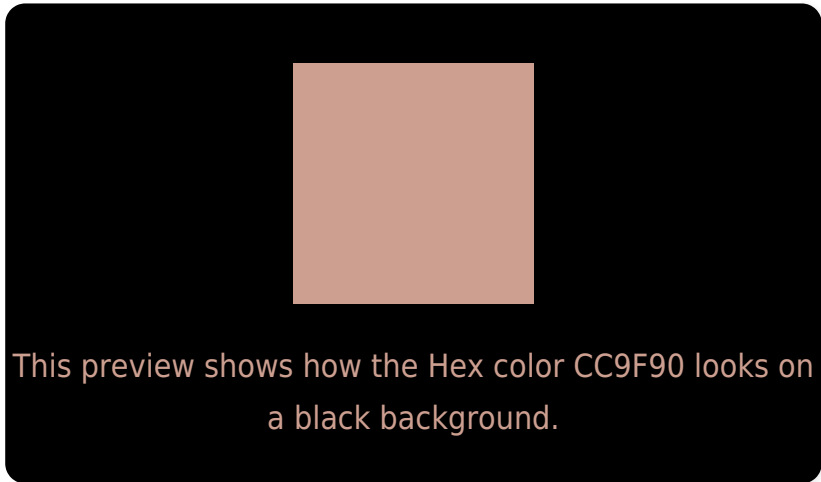
Large Text (above 18pt) WCAG AA × Fail

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

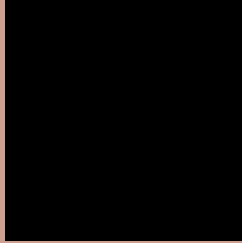
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC9F90 Background



This preview shows how black text looks on a background with the Hex color CC9F90.



This preview shows how white text looks on a background with the Hex color CC9F90.

# 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**  
CC9F90

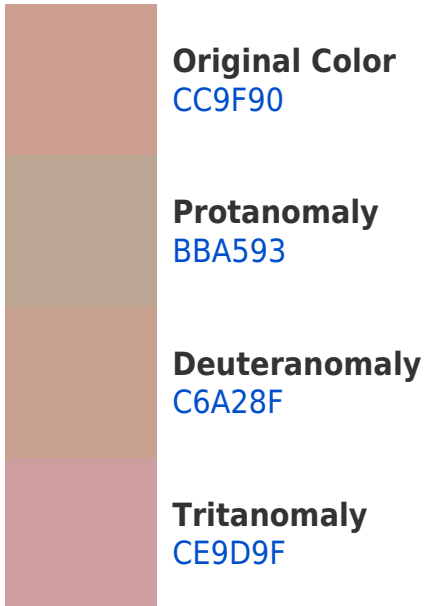
**Protanopia**  
B1A995

**Deuteranopia**  
C3A38F

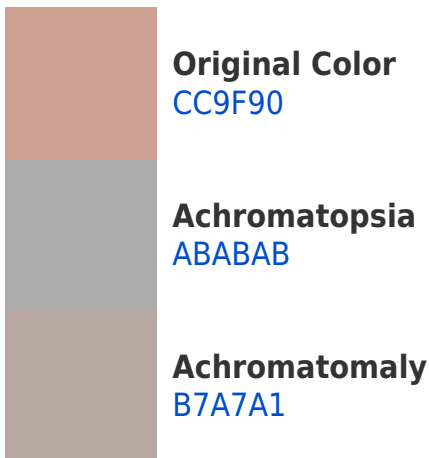


**Tritanopia**  
CF9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC9F90 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 #CC9F90 looks like.

```
.text, #text, p{  
    color:#CC9F90  
}
```

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 #CC9F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9F90
}
```

## Border

The CSS property to change the border of an element to Hex CC9F90 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
#CC9F90 }
```

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

```
.border{ border-color:#CC9F90 }
```

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

Here you see how a box with a 4 pixel #CC9F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9F90; -webkit-box-shadow:4px 4px  
4px 4px #CC9F90; box-shadow:4px 4px 4px  
4px #CC9F90 }
```

# Background

The CSS property to change the background color of an element to Hex CC9F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9F90 }
```

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

```
.background{ background-color:#CC9F90 }
```

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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