

# Converting Colors

Hex(CF90B6)

Have a look what the booklet for  
Hex(CF90B6) contains.

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# **Color**

**Hex(CF90B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF90B6
RGB	207, 144, 182
RGB Percent	81%, 56%, 71%
CMY	0.1882, 0.4353, 0.2863
CMYK	0.00, 0.30, 0.12, 0.19
HSL	324°, 40%, 69%
HSV	324°, 30%, 81%
XYZ	44.1489, 36.5893, 48.9915
YIQ	167.1690, 25.3500, 25.1740

# Conversions

## Conversions Part 2

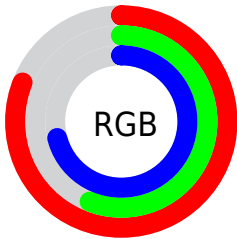
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 144, 182
Decimal	13602998
CIE Lab	66.97, 29.61, -10.21
CIE LCh	67, 31.316, 340.976
Yxy	36.5893, 0.3403, 0.2820
Android (android.graphics.Color)	4291793078 (0xFFCF90B6)
YUV	167.1690, 7.3117, 34.9318
Hunter-Lab	60.4891, 24.4250, -5.6780

# Details

The Hex color **CF90B6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90CFA9**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC6EE**, and **985D81** is the 20% darker color. If you saturate the color by 10%, you get **CF7BAE**, and if you desaturate by 10%, it is **CFA5BE**.

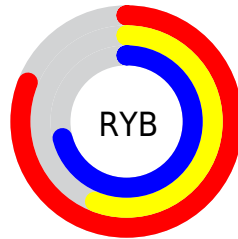
# Distribution



Red (81%)

Green (56%)

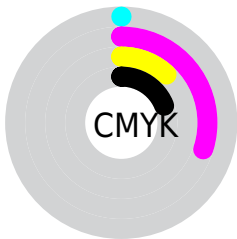
Blue (71%)



Red (81%)

Yellow (56%)

Blue (71%)

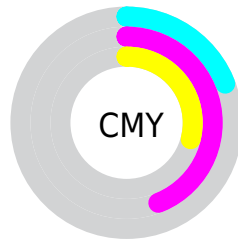


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (19%)



Cyan (19%)

Magenta (44%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF90B6 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 CF90B6 by changing the saturation by 10% instead.



 CF90B6

 CF90B6

FFFFFF

 B3769B

 FFC6EE

 985D81

 FFE3FF

 7D4468

 632C50

 4A1539

 320023

 1C000D

 000000

 CF90B6

 CF90B6

 CF7BAE

 CFA5BE

 CF67A6

 CFB9C6

 CF529D

 CFCECF

 CF3D95

 CFE3D7

 CF298D

 CFF8DF

 CF1485

 CFFFE7

 CF007D

 CFFFEF

 CFFFF8

 CFFFFF

# Harmonies

## Analogous

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



B498CE



CF90B6



DB8E99

# Triad

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



CF90B6



ACA56B



44B0C7

# Complementary

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



CF90B6



90CFA9

# 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.



4DB2AD



CF90B6



8DAC78

# Square

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



CF90B6



C69B6E



6BB190



62ABD8

# Rectangle

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



CF90B6



DA9087



6BB190



43B2BF



# Sweetspot

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



CF90B6



FFE8F6



A890CF



80717A



000000



808080



# Same Dimension

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



CF90B6



FFA1DA



CF9097



695E64



A80066



290019



# Inverse Universe

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



CF90B6



FFA1DA



90CFC8



695E64



A80066

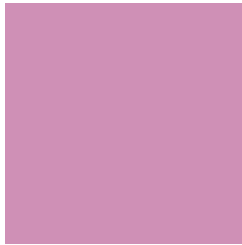


290019



# Previews

## White Background



This preview shows how the Hex color CF90B6 looks on a white background.

## Color Contrast Check

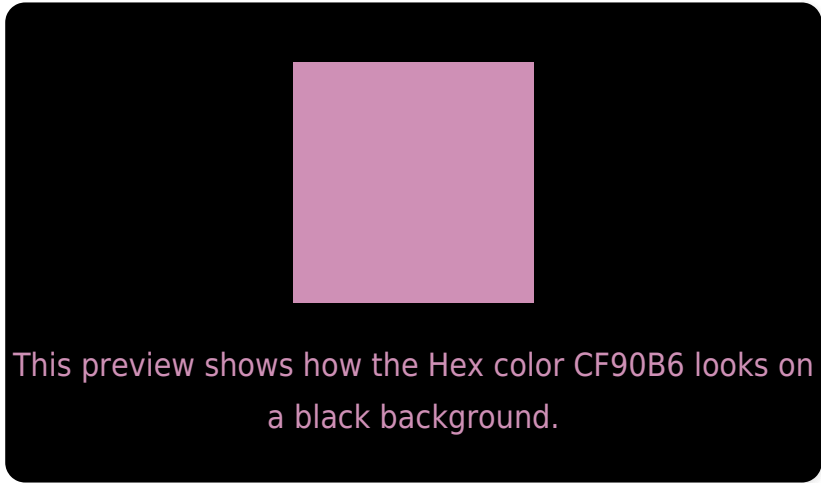
Large Text (above 18pt) WCAG AA × Fail

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

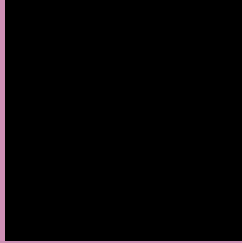
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CF90B6 Background



This preview shows how black text looks on a background with the Hex color CF90B6.

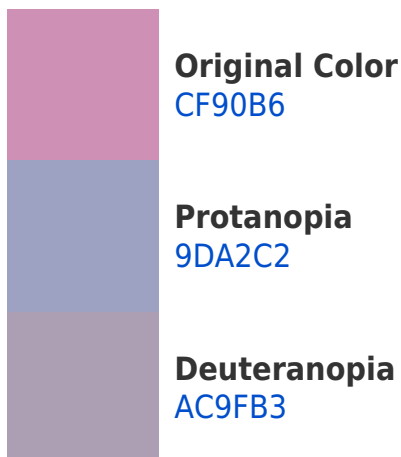



This preview shows how white text looks on a background with the Hex color CF90B6.

# 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](#).

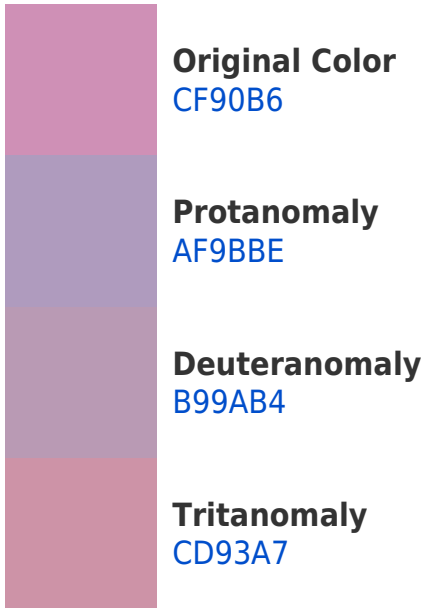
## Dichromacy



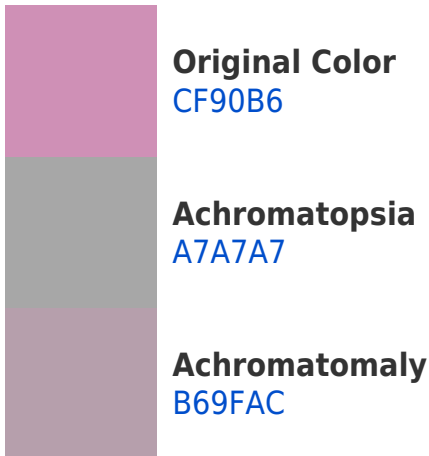


**Tritanopia**  
CC949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF90B6 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 #CF90B6 looks like.

```
.text, #text, p{  
    color:#CF90B6  
}
```

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 #CF90B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF90B6
}
```

## Border

The CSS property to change the border of an element to Hex CF90B6 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
#CF90B6 }
```

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

```
.border{ border-color:#CF90B6 }
```

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

Here you see how a box with a 4 pixel #CF90B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF90B6; -webkit-box-shadow:4px 4px  
4px 4px #CF90B6; box-shadow:4px 4px 4px  
4px #CF90B6 }
```

# Background

The CSS property to change the background color of an element to Hex CF90B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF90B6 }
```

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

```
.background{ background-color:#CF90B6 }
```

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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