

# Converting Colors

Hex(CD90BF)

Have a look what the booklet for  
Hex(CD90BF) contains.

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# **Color**

**Hex(CD90BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD90BF
RGB	205, 144, 191
RGB Percent	80%, 56%, 75%
CMY	0.1961, 0.4353, 0.2510
CMYK	0.00, 0.30, 0.07, 0.20
HSL	314°, 38%, 68%
HSV	314°, 30%, 80%
XYZ	44.5541, 36.6872, 54.0233
YIQ	167.5970, 21.2690, 27.5490

# Conversions

## Conversions Part 2

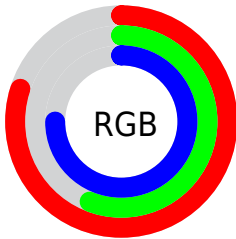
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 144, 191
Decimal	13471935
CIE Lab	67.04, 30.47, -15.16
CIE LCh	67, 34.030, 333.550
Yxy	36.6872, 0.3294, 0.2712
Android (android.graphics.Color)	4291662015 (0xFFCD90BF)
YUV	167.5970, 11.5377, 32.8024
Hunter-Lab	60.5700, 25.3035, -10.4827

# Details

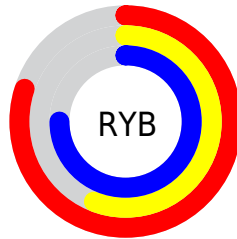
The Hex color **CD90BF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90CD9E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC6F7**, and **965D8A** is the 20% darker color. If you saturate the color by 10%, you get **CD7BBA**, and if you desaturate by 10%, it is **CDA4C4**.

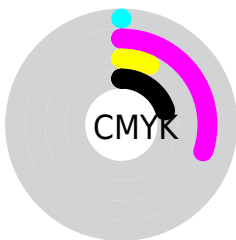
# Distribution



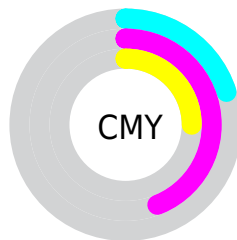
- Red (80%)
- Green (56%)
- Blue (75%)



- Red (80%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD90BF 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 CD90BF by changing the saturation by 10% instead.



 CD90BF

 CD90BF

FFFFFF

 B176A4

 FFC6F7

 965D8A

 FFE3FF

 7B4470

 622C58

 491540

 31002A

 1A0015

 000000

 CD90BF

 CD90BF

 CD7BBA

 CDA4C4

 CD67B6

 CDB9C8

 CD52B1

 CDCECD

 CD3EAC

 CDE2D2

 CD29A7

 CDF7D7

 CD15A3

 CDFFDB

 CD009E

 CDFFE0

 CDFFE5

 CDFFE9

# Harmonies

## Analogous

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



AC9AD6



CD90BF



DE8CA1

# Triad

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



CD90BF



B4A266



30B3C4

# Complementary

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



CD90BF



90CD9E

# 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.



49B4A6



CD90BF



94AB6F

# Square

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



CD90BF



CE986D



6FB187



4CAED9

# Rectangle

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



CD90BF



DF8D8C



6FB187



34B3BB



# Sweetspot

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



CD90BF



FFE8FA



9D90CD



80717C



000000



808080



# Same Dimension

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



CD90BF



FFA3EA



CD90A1



665C64



A60080



26001D



# Inverse Universe

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



CD90BF



FFA3EA



90CDBC



665C64



A60080

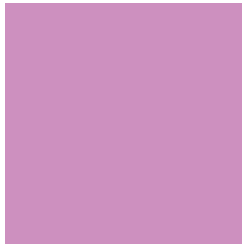


26001D



# Previews

## White Background



This preview shows how the Hex color CD90BF looks on a white background.

## Color Contrast Check

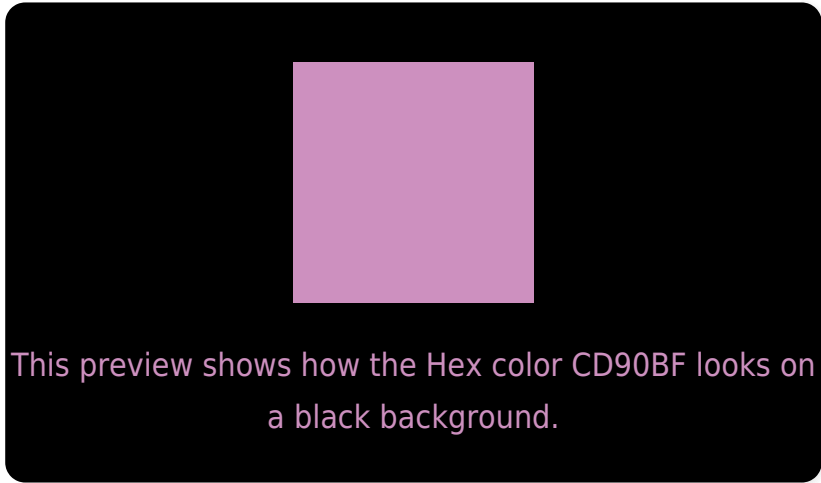
Large Text (above 18pt) WCAG AA × Fail

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 CD90BF Background



This preview shows how black text looks on a background with the Hex color CD90BF.




This preview shows how white text looks on a background with the Hex color CD90BF.

# 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**  
C996A1

# Trichromacy



**Original Color**  
CD90BF



**Protanomaly**  
AD9BC7



**Deuteranomaly**  
B59ABD

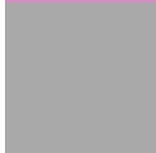


**Tritanomaly**  
CA94AC

# Monochromacy



**Original Color**  
CD90BF



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
B59FB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD90BF 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 #CD90BF looks like.

```
.text, #text, p{  
    color:#CD90BF  
}
```

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 #CD90BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD90BF }  
}
```

## Border

The CSS property to change the border of an element to Hex CD90BF 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 #CD90BF }  
}
```

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

```
.border{ border-color:#CD90BF }
```

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

Here you see how a box with a 4 pixel #CD90BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD90BF; -webkit-box-shadow:4px 4px  
4px 4px #CD90BF; box-shadow:4px 4px 4px  
4px #CD90BF }
```

# Background

The CSS property to change the background color of an element to Hex CD90BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD90BF }
```

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

```
.background{ background-color:#CD90BF }
```

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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