

# Converting Colors

Hex(D890DC)

Have a look what the booklet for  
Hex(D890DC) contains.

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# **Color**

**Hex(D890DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D890DC
RGB	216, 144, 220
RGB Percent	85%, 56%, 86%
CMY	0.1529, 0.4353, 0.1373
CMYK	0.02, 0.35, 0.00, 0.14
HSL	297°, 52%, 71%
HSV	297°, 35%, 86%
XYZ	51.2104, 39.7128, 72.6764
YIQ	174.1920, 18.5160, 38.9000

# Conversions

## Conversions Part 2

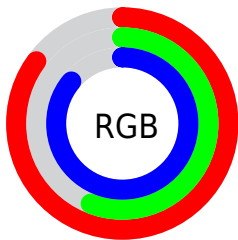
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 144, 220
Decimal	14192860
CIE Lab	69.26, 39.34, -27.78
CIE LCh	69, 48.158, 324.773
Yxy	39.7128, 0.3130, 0.2427
Android (android.graphics.Color)	4292382940 (0xFFD890DC)
YUV	174.1920, 22.5833, 36.6656
Hunter-Lab	63.0181, 34.7730, -24.2643

# Details

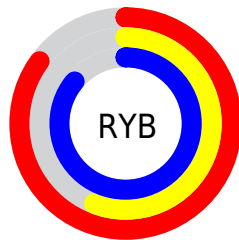
The Hex color **D890DC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **94DC90**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFC7FF**, and **A05CA5** is the 20% darker color. If you saturate the color by 10%, you get **D77ADC**, and if you desaturate by 10%, it is **D9A6DC**.

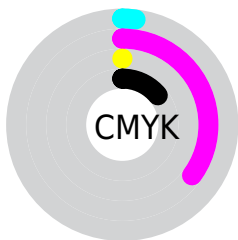
# Distribution



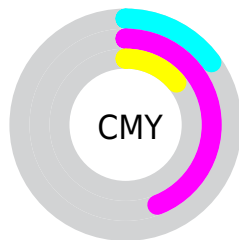
- Red (85%)
- Green (56%)
- Blue (86%)



- Red (85%)
- Yellow (56%)
- Blue (86%)



- Cyan (2%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (44%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D890DC 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 D890DC by changing the saturation by 10% instead.



 D890DC

FFFFFF

 FFC7FF

 FFE3FF

 D890DC

 BC76C0

 A05CA5

 85438A

 6B2A71

 511058

 380040

 24002A

 000114

 000000

 D890DC

 D890DC

 D77ADC

 D9A6DC

 D664DC

 DABCDC

 D54EDC

 DBD2DC

 D338DC

 DDE8DC

 D222DC

 DEFEDC

 D10CDC

 DFFFDC

 D000DC

 E0FFDC

 E1FFDC

 E2FFDC

# Harmonies

## Analogous

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



A1A1F8



D890DC



F685B3

# Triad

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



D890DC



CAA450



00BFCC

# Complementary

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



D890DC



94DC90

# 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.



00BFA0



D890DC



9FB257

# Square

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



D890DC



EB9463



6ABB75



00BAEF

# Rectangle

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



D890DC



FC8595



6ABB75



00C0BE



# Sweetspot

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



D890DC



FEE6FF



9095DC



7F7080



000000



808080



# Same Dimension

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



D890DC



F996FF



DC90BB



6D636E



A400AD



2B002E



# Inverse Universe

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



DC9094



FF969C



90DCB1



6E6363



AD0009

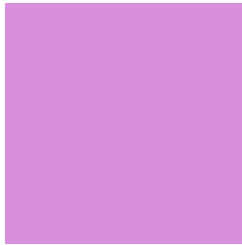


2E0002



# Previews

## White Background



This preview shows how the Hex color D890DC looks on a white background.

## Color Contrast Check

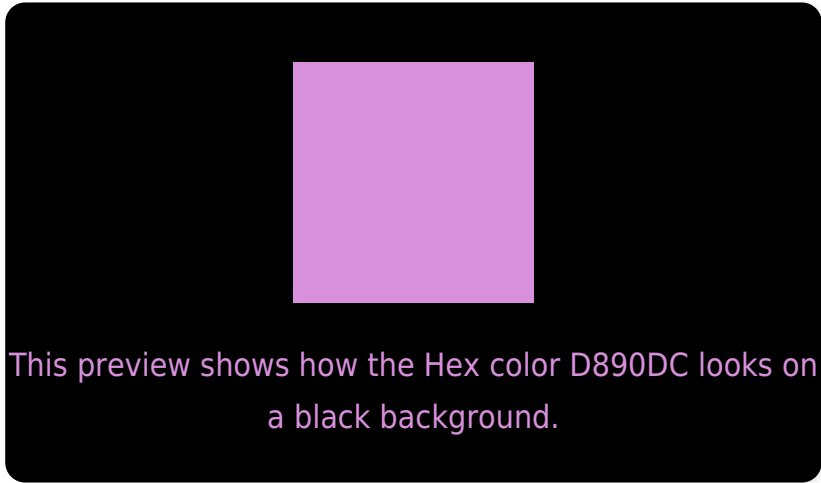
Large Text (above 18pt) WCAG AA × Fail

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

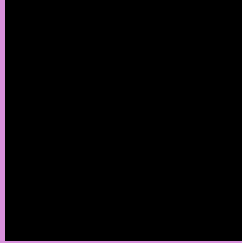
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D890DC Background



This preview shows how black text looks on a background with the Hex color D890DC.

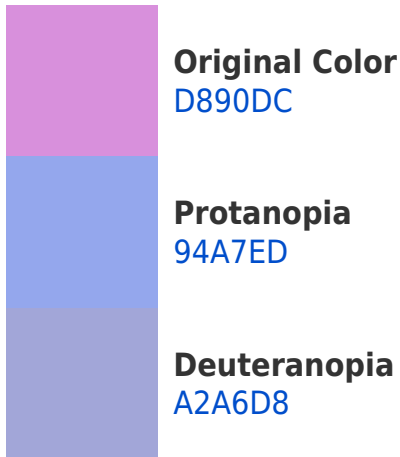


This preview shows how white text looks on a background with the Hex color D890DC.

# 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**  
D19BA7

# Trichromacy



**Original Color**  
D890DC



**Protanomaly**  
AD9FE7



**Deuteranomaly**  
B69ED9



**Tritanomaly**  
D497BA

# Monochromacy



**Original Color**  
D890DC



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
BDA3BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D890DC 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 #D890DC looks like.

```
.text, #text, p{  
    color:#D890DC  
}
```

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 #D890DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D890DC
}
```

## Border

The CSS property to change the border of an element to Hex D890DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

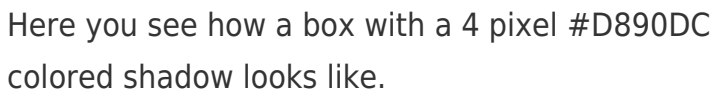
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D890DC }
```

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

```
.border{ border-color:#D890DC }
```

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



Here you see how a box with a 4 pixel #D890DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D890DC; -webkit-box-shadow:4px 4px  
4px 4px #D890DC; box-shadow:4px 4px 4px  
4px #D890DC }
```

# Background

The CSS property to change the background color of an element to Hex D890DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D890DC }
```

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

```
.background{ background-color:#D890DC }
```

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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