

# Converting Colors

Hex(DC8FAA)

Have a look what the booklet for  
Hex(DC8FAA) contains.

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# Color

**Hex(DC8FAA)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | DC8FAA                     |
| RGB         | 220, 143, 170              |
| RGB Percent | 86%, 56%, 67%              |
| CMY         | 0.1373, 0.4392, 0.3333     |
| CMYK        | 0.00, 0.35, 0.23, 0.14     |
| HSL         | 339°, 52%, 71%             |
| HSV         | 339°, 35%, 86%             |
| XYZ         | 46.5934, 37.7628, 42.8634  |
| YIQ         | 169.1010, 37.2250, 24.7210 |

# Conversions

## Conversions Part 2

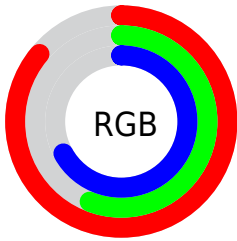
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 220, 143, 170                |
| Decimal                             | 14454698                     |
| CIE Lab                             | 67.85, 32.84, -2.02          |
| CIE LCh                             | 68, 32.903, 356.484          |
| Yxy                                 | 37.7628, 0.3662,<br>0.2968   |
| Android<br>(android.graphics.Color) | 4292644778<br>(0xFFDC8FAA)   |
| YUV                                 | 169.1010, 0.4432,<br>44.6384 |
| Hunter-Lab                          | 61.4515, 27.8011,<br>1.6603  |

# Details

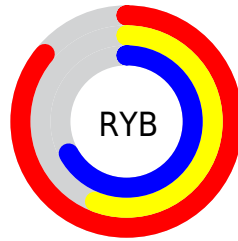
The Hex color **DC8FAA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8FDCC1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFC6E1**, and **A35B76** is the 20% darker color. If you saturate the color by 10%, you get **DC799C**, and if you desaturate by 10%, it is **DCA5B8**.

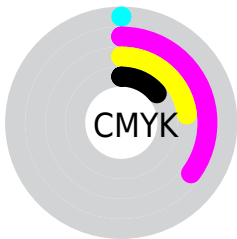
# Distribution



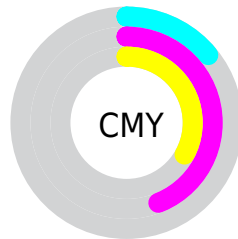
- Red (86%)
- Green (56%)
- Blue (67%)



- Red (86%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (35%)
- Yellow (23%)
- Black (14%)



- Cyan (14%)
- Magenta (44%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC8FAA 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 DC8FAA by changing the saturation by 10% instead.



 DC8FAA

 DC8FAA

FFFFFF

 BF7590

 FFC6E1

 A35B76

 FFE2FE

 88435D

 6D2A46

 531130

 3A001B

 250001

 000000

 DC8FAA

 DC8FAA

 DC799C

 DCA5B8

 DC638D

 DCBBC7

 DC4D7F

 DCD1D5

 DC3771

 DCE7E3

 DC2163

 DCFDF1

 DC0B54

 DCFFFF

 DC004D

# Harmonies

## Analogous

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



C895C6



DC8FAA



E0908C

# Triad

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



DC8FAA



9EAB6F



4BB1D6

# Complementary

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



DC8FAA



8FDCC1

# 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.



3DB5BF



DC8FAA



7CB284

# Square

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



DC8FAA



BDA26A



58B5A1



77A9E0

# Rectangle

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



DC8FAA



D9957C



58B5A1



41B3CF



# Sweetspot

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



DC8FAA



FFE3ED



C08FDC



806F75



000000



808080



# Same Dimension

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



DC8FAA



FF94B9



DC998F



6E6367



AD003D



2E0010



# Inverse Universe

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



DC8FAA



FF94B9



8FD2DC



6E6367



AD003D



2E0010



# Previews

## White Background



This preview shows how the Hex color DC8FAA looks on a white background.

## Color Contrast Check

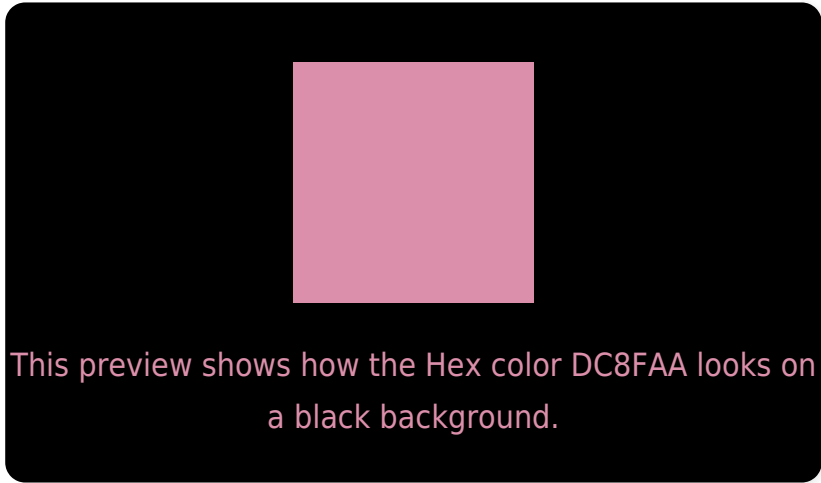
Large Text (above 18pt) WCAG AA × Fail

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 DC8FAA Background



This preview shows how black text looks on a background with the Hex color DC8FAA.

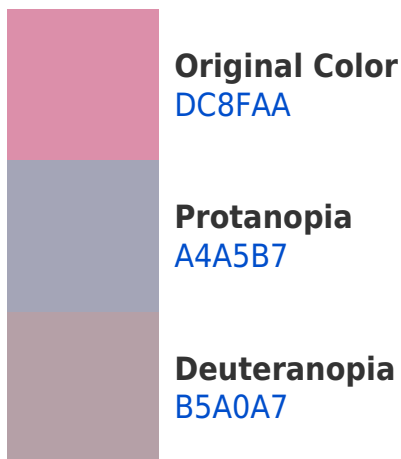



This preview shows how white text looks on a background with the Hex color DC8FAA.

# 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**  
DB919C

# Trichromacy



**Original Color**  
DC8FAA



**Protanomaly**  
B89DB2



**Deuteranomaly**  
C39AA8



**Tritanomaly**  
DB90A1

# Monochromacy



**Original Color**  
DC8FAA



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
BCA0A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC8FAA 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 #DC8FAA looks like.

```
.text, #text, p{  
    color:#DC8FAA  
}
```

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 #DC8FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC8FAA
}
```

## Border

The CSS property to change the border of an element to Hex DC8FAA 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
#DC8FAA }
```

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

```
.border{ border-color:#DC8FAA }
```

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

Here you see how a box with a 4 pixel #DC8FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC8FAA; -webkit-box-shadow:4px 4px  
4px 4px #DC8FAA; box-shadow:4px 4px 4px  
4px #DC8FAA }
```

# Background

The CSS property to change the background color of an element to Hex DC8FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC8FAA }
```

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

```
.background{ background-color:#DC8FAA }
```

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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