

# Converting Colors

Hex(DF82CF)

Have a look what the booklet for  
Hex(DF82CF) contains.

<b>Hex(DF82CF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(DF82CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	DF82CF
RGB	223, 130, 207
RGB Percent	87%, 51%, 81%
CMY	0.1255, 0.4902, 0.1882
CMYK	0.00, 0.42, 0.07, 0.13
HSL	310°, 59%, 69%
HSV	310°, 42%, 87%
XYZ	49.6765, 36.1582, 63.3925
YIQ	166.5850, 30.7110, 43.6630

# Conversions

## Conversions Part 2

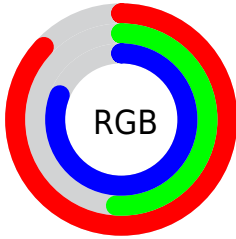
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 130, 207
Decimal	14648015
CIE Lab	66.64, 46.55, -24.52
CIE LCh	67, 52.608, 332.221
Yxy	36.1582, 0.3329, 0.2423
Android (android.graphics.Color)	4292838095 (0xFFDF82CF)
YUV	166.5850, 19.9246, 49.4760
Hunter-Lab	60.1317, 42.2335, -20.4129

# Details

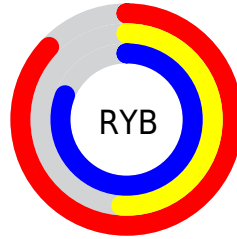
The Hex color **DF82CF** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **82DF92**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB9FF**, and **A64D98** is the 20% darker color. If you saturate the color by 10%, you get **DF6CCB**, and if you desaturate by 10%, it is **DF98D3**.

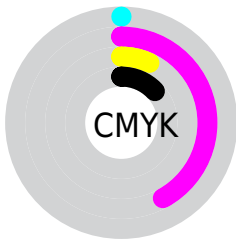
# Distribution



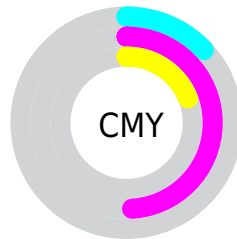
- Red (87%)
- Green (51%)
- Blue (81%)



- Red (87%)
- Yellow (51%)
- Blue (81%)



- Cyan (0%)
- Magenta (42%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (49%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF82CF 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 DF82CF by changing the saturation by 10% instead.



 DF82CF

 DF82CF

FFFFFF

 C267B3

 FFB9FF

 A64D98

 FFD5FF

 8B337E

 FFF2FF

 701765

 55004D

 3C0036

 250020

 000004

 000000

 DF82CF

 DF82CF

 DF6CCB

 DF98D3

 DF55C7

 DFAFD7

 DF3FC3

 DFC5DB

 DF29C0

 DFDBDE

 DF13BC

 DFF2E2

 DF00B9

 DFFF E6

 DFFF EA

 DFFF EE

 DFFF F2

# Harmonies

## Analogous

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



A994F2



DF82CF



F879A0

# Triad

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



DF82CF



BAA13F



00B9D3

# Complementary

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



DF82CF



82DF92

# 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.



00BAA4



DF82CF



89AE4E

# Square

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



DF82CF



E08F4E



48B674



00B2F5

# Rectangle

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



DF82CF



FA7B81



48B674



00BAC4



# Sweetspot

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



DF82CF



FFDEF9



9182DF



806B7C



000000



808080



# Same Dimension

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



DF82CF



FF80E9



DF82A1



70656E



B00092



300028



# Inverse Universe

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



DF82CF



FF80E9



82DFC0



70656E



B00092

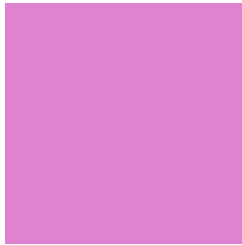


300028



# Previews

## White Background



This preview shows how the Hex color DF82CF 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 DF82CF Background



This preview shows how black text looks on a background with the Hex color DF82CF.

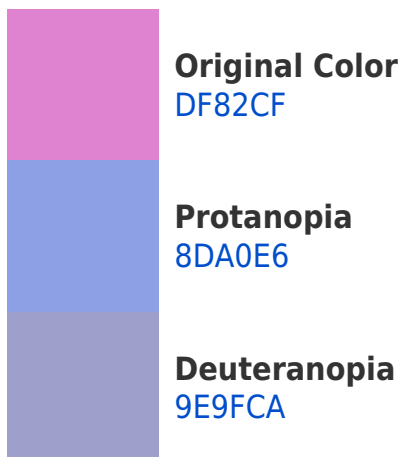


This preview shows how white text looks on a background with the Hex color DF82CF.

# 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**  
D88D98

# Trichromacy



**Original Color**  
DF82CF



**Protanomaly**  
AB95DE



**Deuteranomaly**  
B694CC



**Tritanomaly**  
DB89AC

# Monochromacy



**Original Color**  
DF82CF



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
BB9AB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF82CF 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 #DF82CF looks like.

```
.text, #text, p{  
    color:#DF82CF  
}
```

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 #DF82CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF82CF
}
```

## Border

The CSS property to change the border of an element to Hex DF82CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

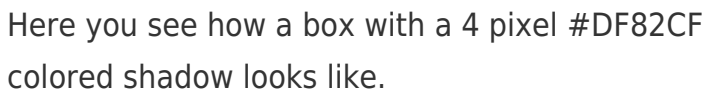
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DF82CF }
```

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

```
.border{ border-color:#DF82CF }
```

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

A rectangular box with a 4px magenta shadow. The box is white with a thin magenta border and a magenta shadow. The shadow is a 4px wide magenta rectangle that is offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #DF82CF colored shadow looks like."

Here you see how a box with a 4 pixel #DF82CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF82CF; -webkit-box-shadow:4px 4px  
4px 4px #DF82CF; box-shadow:4px 4px 4px  
4px #DF82CF }
```

# Background

The CSS property to change the background color of an element to Hex DF82CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF82CF }
```

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

```
.background{ background-color:#DF82CF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor