

# Converting Colors

Hex(DF85C3)

Have a look what the booklet for  
Hex(DF85C3) contains.

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# **Color**

**Hex(DF85C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF85C3
RGB	223, 133, 195
RGB Percent	87%, 52%, 76%
CMY	0.1255, 0.4784, 0.2353
CMYK	0.00, 0.40, 0.13, 0.13
HSL	319°, 58%, 70%
HSV	319°, 40%, 87%
XYZ	48.6693, 36.4032, 56.0911
YIQ	166.9780, 33.7380, 38.3620

# Conversions

## Conversions Part 2

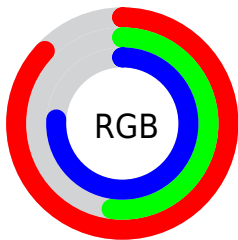
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 133, 195
Decimal	14648771
CIE <sub>Lab</sub>	66.83, 43.00, -17.52
CIE <sub>LCh</sub>	67, 46.435, 337.830
Yxy	36.4032, 0.3448, 0.2579
Android (android.graphics.Color)	4292838851 (0xFFDF85C3)
YUV	166.9780, 13.8148, 49.1313
Hunter-Lab	60.3350, 38.4008, -12.8851

# Details

The Hex color **DF85C3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85DFA1**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFBCFC**, and **A6518D** is the 20% darker color. If you saturate the color by 10%, you get **DF6FBC**, and if you desaturate by 10%, it is **DF9BCA**.

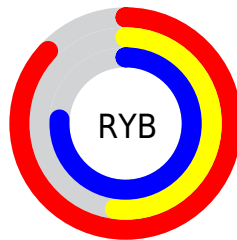
# Distribution



Red (87%)

Green (52%)

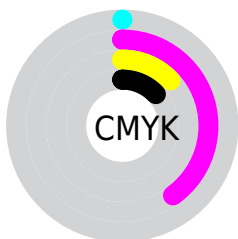
Blue (76%)



Red (87%)

Yellow (52%)

Blue (76%)

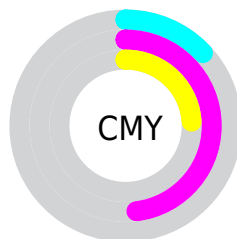


Cyan (0%)

Magenta (40%)

Yellow (13%)

Black (13%)



Cyan (13%)

Magenta (48%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF85C3 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 DF85C3 by changing the saturation by 10% instead.



 DF85C3

 DF85C3

FFFFFF

 C26BA8

 FFBCFC

 A6518D

 FFD8FF

 8B3774

 FFF5FF

 701C5B

 560043

 3C002D

 260018

 000000

 DF85C3

 DF85C3

DF6FBC

DF9BCA

DF58B5

DFB2D1

DF42AE

DFC8D8

DF2CA7

DFDEDF

DF15A0

DFF4E6

DF009A

DFFFED

DFFFF4

DFFFFB

DFFFFF

# Harmonies

## Analogous

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



B593E5



DF85C3



F18099

# Triad

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



DF85C3



B1A44D



00B6D5

# Complementary

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



DF85C3



85DFA1

# 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.



00B8AD



DF85C3



85AF5E

# Square

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



DF85C3



D59555



4BB682



00AFEF

# Rectangle

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



DF85C3



F0837E



4BB682



00B7C8



# Sweetspot

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



DF85C3



FFE0F5



A085DF



806E7A



000000



808080



# Same Dimension

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



DF85C3



FF85D9



DF8597



70656D



B00079



300021



# Inverse Universe

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



DF85C3



FF85D9



85DFCD



70656D



B00079



300021



# Previews

## White Background



This preview shows how the Hex color DF85C3 looks on a white background.

## Color Contrast Check

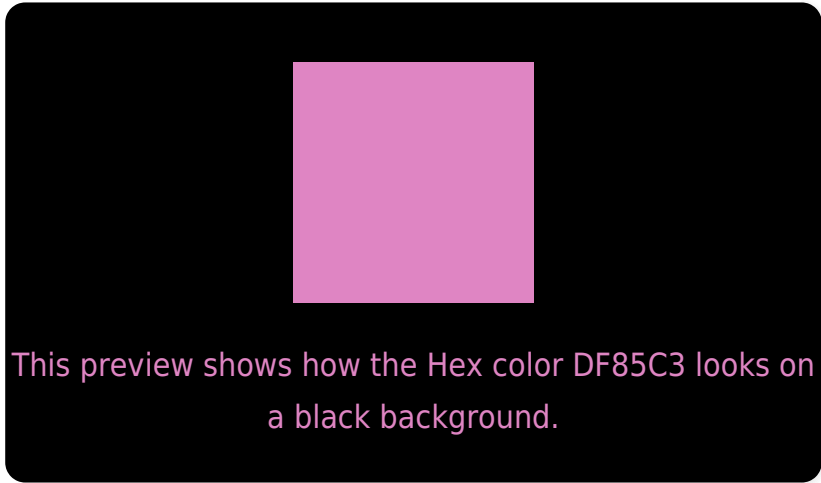
Large Text (above 18pt) WCAG AA × Fail

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 DF85C3 Background



This preview shows how black text looks on a background with the Hex color DF85C3.

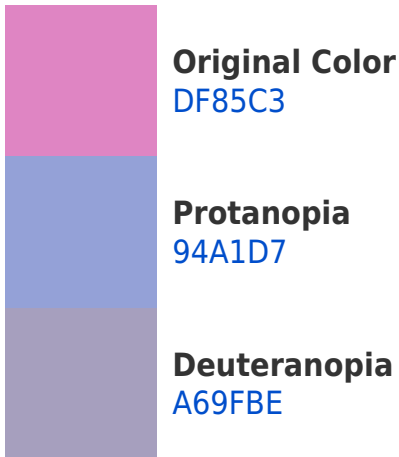



This preview shows how white text looks on a background with the Hex color DF85C3.

# 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](#).

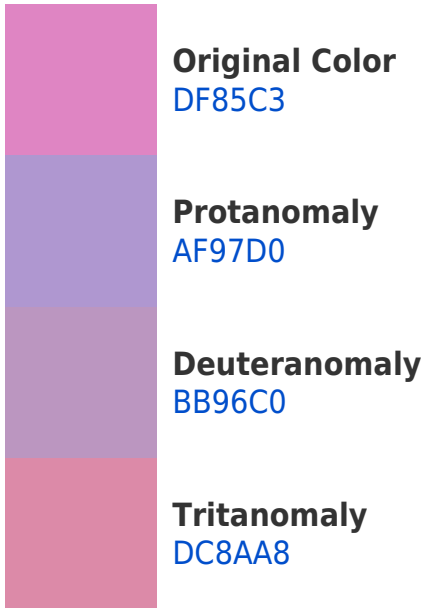
## Dichromacy



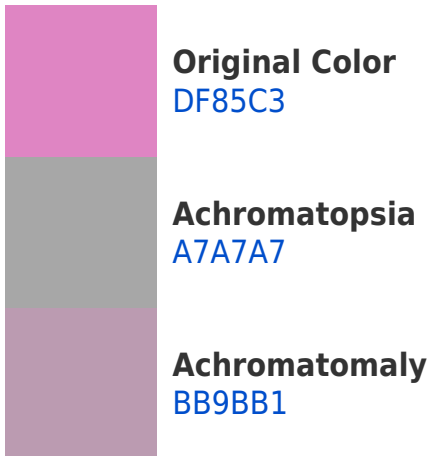


**Tritanopia**  
DA8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF85C3 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 #DF85C3 looks like.

```
.text, #text, p{  
    color:#DF85C3  
}
```

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 #DF85C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF85C3
}
```

## Border

The CSS property to change the border of an element to Hex DF85C3 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
#DF85C3 }
```

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

```
.border{ border-color:#DF85C3 }
```

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

Here you see how a box with a 4 pixel #DF85C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF85C3; -webkit-box-shadow:4px 4px  
4px 4px #DF85C3; box-shadow:4px 4px 4px  
4px #DF85C3 }
```

# Background

The CSS property to change the background color of an element to Hex DF85C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF85C3 }
```

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

```
.background{ background-color:#DF85C3 }
```

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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