

Converting Colors

Hex(DC85BF)

Have a look what the booklet for
Hex(DC85BF) contains.

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Color

Hex(DC85BF)

Conversions

Conversions Part 1

Format	Color
Hex	DC85BF
RGB	220, 133, 191
RGB Percent	86%, 52%, 75%
CMY	0.1373, 0.4784, 0.2510
CMYK	0.00, 0.40, 0.13, 0.14
HSL	320°, 55%, 69%
HSV	320°, 40%, 86%
XYZ	47.3067, 35.7523, 53.6978
YIQ	165.6250, 33.2340, 36.4820

Conversions

Conversions Part 2

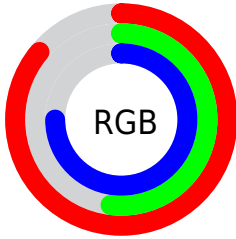
Format	Color
R _Y B	220, 133, 191
Decimal	14452159
CIE Lab	66.33, 41.37, -16.07
CIE LCh	66, 44.384, 338.779
Yxy	35.7523, 0.3459, 0.2614
Android (android.graphics.Color)	4292642239 (0xFFDC85BF)
YUV	165.6250, 12.5099, 47.6869
Hunter-Lab	59.7932, 36.5860, -11.3906

Details

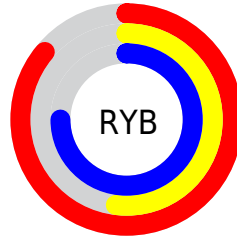
The Hex color **DC85BF** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85DCA2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFBCF7**, and **A3518A** is the 20% darker color. If you saturate the color by 10%, you get **DC6FB8**, and if you desaturate by 10%, it is **DC9BC6**.

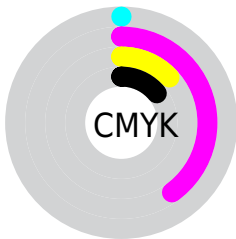
Distribution



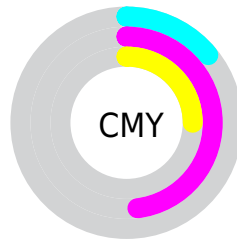
- Red (86%)
- Green (52%)
- Blue (75%)



- Red (86%)
- Yellow (52%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (14%)



- Cyan (14%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC85BF 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 DC85BF by changing the saturation by 10% instead.

 DC85BF

 DC85BF

FFFFFF

 BF6BA4

 FFBCF7

 A3518A

 FFD8FF

 883770

 FFF5FF

 6D1D57

 530040

 3A002A

 230015

 000000

 DC85BF

 DC85BF

 DC6FB8

 DC9BC6

 DC59B0

 DCB1CE

 DC43A9

 DCC7D5

 DC2DA2

 DCDDDC

 DC179A

 DCF3E4

 DC0193

 DCFFEB

 DC0093

 DCFFF2

 DCFFFA

 DCFFFF

Harmonies

Analogous

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



B492E0



DC85BF



ED8097

Triad

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



DC85BF



AEA350



00B4D2

Complementary

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



DC85BF



85DCA2

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.



00B6AC



DC85BF



83AD61

Square

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



DC85BF



D19557



4DB483



00ADEB

Rectangle

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



DC85BF



EC847D



4DB483



00B5C6

Sweetspot

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



DC85BF



FFE0F5



A285DC



806E7A



000000



808080

Same Dimension

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



DC85BF



FF87D7



DC8594



6E636A



AD0074



2E001F

Inverse Universe

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



DC85BF



FF87D7



85DCCD



6E636A



AD0074



2E001F

Previews

White Background



This preview shows how the Hex color DC85BF looks on a white background.

Color Contrast Check

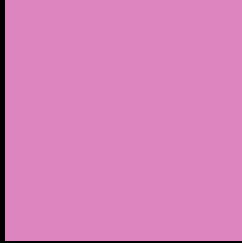
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color DC85BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

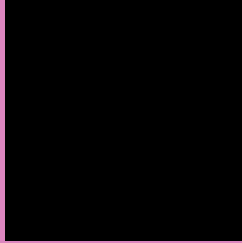
Any Text WCAG AA ✓ Pass

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 DC85BF Background



This preview shows how black text looks on a background with the Hex color DC85BF.

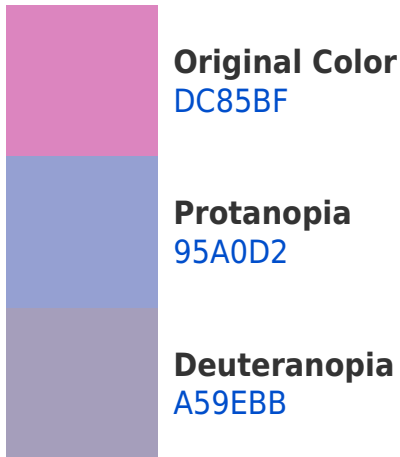


This preview shows how white text looks on a background with the Hex color DC85BF.

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
D78D97

Trichromacy



Original Color
DC85BF



Protanomaly
AF96CB



Deuteranomaly
B995BC

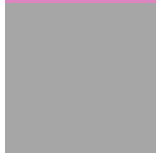


Tritanomaly
D98AA6

Monochromacy



Original Color
DC85BF



Achromatopsia
A6A6A6



Achromatomaly
BA9AAF

CSS Examples

Text

The CSS property to change the color of the text to Hex DC85BF 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 #DC85BF looks like.

```
.text, #text, p{  
    color:#DC85BF  
}
```

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 #DC85BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC85BF
}
```

Border

The CSS property to change the border of an element to Hex DC85BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

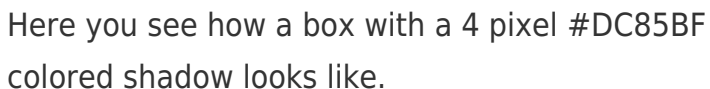
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DC85BF }
```

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

```
.border{ border-color:#DC85BF }
```

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



Here you see how a box with a 4 pixel #DC85BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC85BF; -webkit-box-shadow:4px 4px  
4px 4px #DC85BF; box-shadow:4px 4px 4px  
4px #DC85BF }
```

Background

The CSS property to change the background color of an element to Hex DC85BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC85BF }
```

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

```
.background{ background-color:#DC85BF }
```

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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