

Converting Colors

Hex(DC83D1)

Have a look what the booklet for
Hex(DC83D1) contains.

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Color

Hex(DC83D1)

Conversions

Conversions Part 1

Format	Color
Hex	DC83D1
RGB	220, 131, 209
RGB Percent	86%, 51%, 82%
CMY	0.1373, 0.4863, 0.1804
CMYK	0.00, 0.40, 0.05, 0.14
HSL	307°, 56%, 69%
HSV	307°, 40%, 86%
XYZ	49.1401, 36.0517, 64.6903
YIQ	166.5030, 28.0060, 43.1260

Conversions

Conversions Part 2

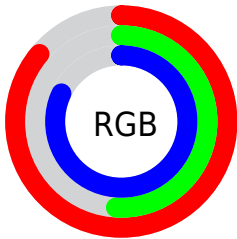
Format	Color
R_{YB}	220, 131, 209
Decimal	14451665
CIE _{Lab}	66.56, 45.44, -25.79
CIE _{LCh}	67, 52.249, 330.422
Yxy	36.0517, 0.3279, 0.2405
Android (android.graphics.Color)	4292641745 (0xFFDC83D1)
YUV	166.5030, 20.9510, 46.9169
Hunter-Lab	60.0431, 41.0117, -21.8488

Details

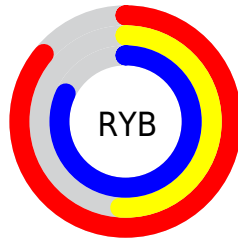
The Hex color **DC83D1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **83DC8E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBAFF**, and **A34F9A** is the 20% darker color. If you saturate the color by 10%, you get **DC6DCE**, and if you desaturate by 10%, it is **DC99D4**.

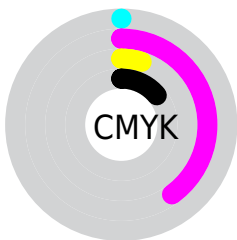
Distribution



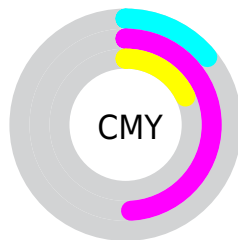
- Red (86%)
- Green (51%)
- Blue (82%)



- Red (86%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (40%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC83D1 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 DC83D1 by changing the saturation by 10% instead.

 DC83D1

FFFFFF

 FFBAFF

 FFD6FF

 FFF3FF

 DC83D1

 BF69B5

 A34F9A

 883580

 6D1967

 53004F

 3A0037

 230022

 000006

 000000

 DC83D1

 DC83D1

 DC6DCE

 DC99D4

 DC57CC

 DCAFD6

 DC41C9

 DCC5D9

 DC2BC6

 DCDBDC

 DC15C3

 DCF1DF

 DC00C1

 DCFE1

 DCFE4

 DCFE7

 DCFE9

Harmonies

Analogous

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



A595F3



DC83D1



F779A3

Triad

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



DC83D1



BCA040



00B9D0

Complementary

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



DC83D1



83DC8E

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.



00B9A1



DC83D1



8CAD4D

Square

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



DC83D1



E18E50



4EB572



00B3F3

Rectangle

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



DC83D1



F97B84



4EB572



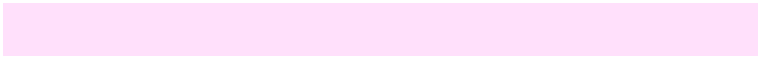
00B9C1

Sweetspot

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



DC83D1



FFE0FB



8D83DC



806E7D



000000



808080

Same Dimension

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



DC83D1



FF82F0



DC83A5



6E636C



AD0098



2E0028

Inverse Universe

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



DC83D1



FF82F0



83DCBA



6E636C



AD0098



2E0028

Previews

White Background



This preview shows how the Hex color DC83D1 looks on a white background.

Color Contrast Check

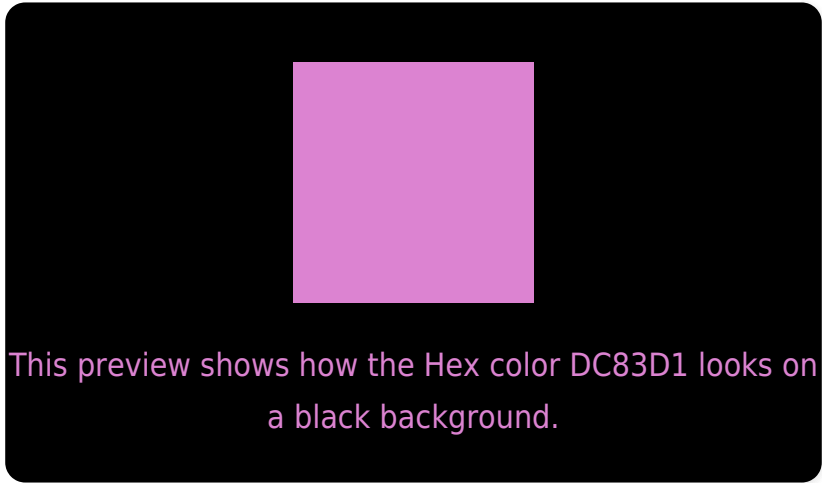
Large Text (above 18pt) WCAG AA × Fail

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

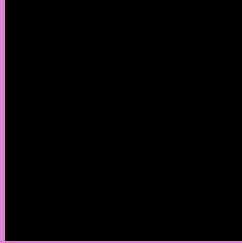
Any Text WCAG AA ✓ Pass

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 DC83D1 Background



This preview shows how black text looks on a background with the Hex color DC83D1.

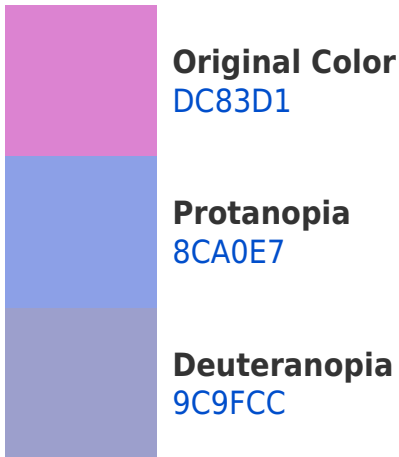


This preview shows how white text looks on a background with the Hex color DC83D1.

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](#).

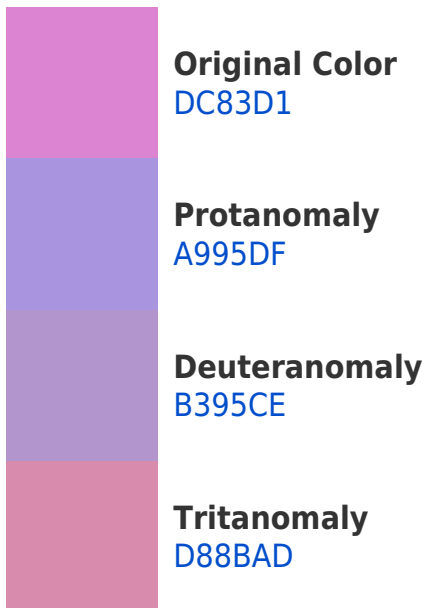
Dichromacy





Tritanopia
D58F99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC83D1 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 #DC83D1 looks like.

```
.text, #text, p{  
    color:#DC83D1  
}
```

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 #DC83D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC83D1
}
```

Border

The CSS property to change the border of an element to Hex DC83D1 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
#DC83D1 }
```

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

```
.border{ border-color:#DC83D1 }
```

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

Here you see how a box with a 4 pixel #DC83D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC83D1; -webkit-box-shadow:4px 4px  
4px 4px #DC83D1; box-shadow:4px 4px 4px  
4px #DC83D1 }
```

Background

The CSS property to change the background color of an element to Hex DC83D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC83D1 }
```

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

```
.background{ background-color:#DC83D1 }
```

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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