

Converting Colors

Hex(DB83D3)

Have a look what the booklet for
Hex(DB83D3) contains.

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Color

Hex(DB83D3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DB83D3 |
| RGB | 219, 131, 211 |
| RGB Percent | 86%, 51%, 83% |
| CMY | 0.1412, 0.4863, 0.1725 |
| CMYK | 0.00, 0.40, 0.04, 0.14 |
| HSL | 305°, 55%, 69% |
| HSV | 305°, 40%, 86% |
| XYZ | 49.0876, 35.9958, 65.9887 |
| YIQ | 166.4320, 26.7680, 43.5360 |

Conversions

Conversions Part 2

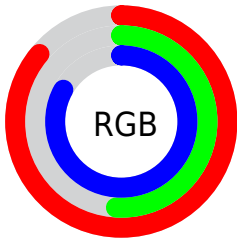
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 219, 131, 211 |
| Decimal | 14386131 |
| CIE Lab | 66.52, 45.48, -26.98 |
| CIE LCh | 67, 52.883, 329.322 |
| Yxy | 35.9958, 0.3249, 0.2383 |
| Android (android.graphics.Color) | 4292576211 (0xFFDB83D3) |
| YUV | 166.4320, 21.9720, 46.1021 |
| Hunter-Lab | 59.9965, 41.0502, -23.2141 |

Details

The Hex color **DB83D3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **83DB8B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBAFF**, and **A24F9C** is the 20% darker color. If you saturate the color by 10%, you get **DB6DD1**, and if you desaturate by 10%, it is **DB99D5**.

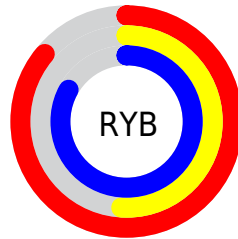
Distribution



Red (86%)

Green (51%)

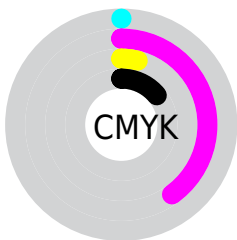
Blue (83%)



Red (86%)

Yellow (51%)

Blue (83%)

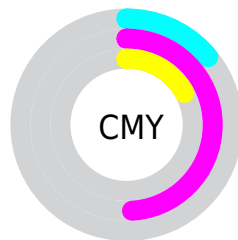


Cyan (0%)

Magenta (40%)

Yellow (4%)

Black (14%)



Cyan (14%)

Magenta (49%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB83D3 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 DB83D3 by changing the saturation by 10% instead.

 DB83D3

 DB83D3

FFFFFF

 BE69B7

 FFBAFF

 A24F9C

 FFD6FF

 873582

 FFF3FF

 6C1969

 520050

 390039

 220023

 000009

 000000

 DB83D3

 DB83D3

 DB6DD1

 DB99D5

 DB57CF

 DBAFD7

 DB41CD

 DBC5D9

 DB2BCB

 DBDBDB

 DB15C9

 DBF1DD

 DB00C7

 DBFFDF

 DBFFE1

 DBFFE3

 DBFFE5

Harmonies

Analogous

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



A296F5



DB83D3



F778A5

Triad

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



DB83D3



BE9F3E



00B9CF

Complementary

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



DB83D3



83DB8B

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.



00B99F



DB83D3



8EAD4B

Square

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



DB83D3



E38D50



4FB56F



00B3F3

Rectangle

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



DB83D3



FA7A85



4FB56F



00B9C0

Sweetspot

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



DB83D3



FFE0FC



8A83DB



806E7E



000000



808080

Same Dimension

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



DB83D3



FF85F4



DB83A8



6E636D



AD009E



2E002A

Inverse Universe

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



DB83D3



FF85F4



83DBB6



6E636D



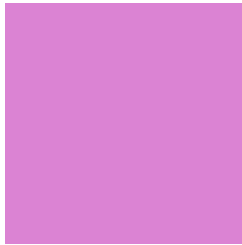
AD009E



2E002A

Previews

White Background



This preview shows how the Hex color DB83D3 looks on a white background.

Color Contrast Check

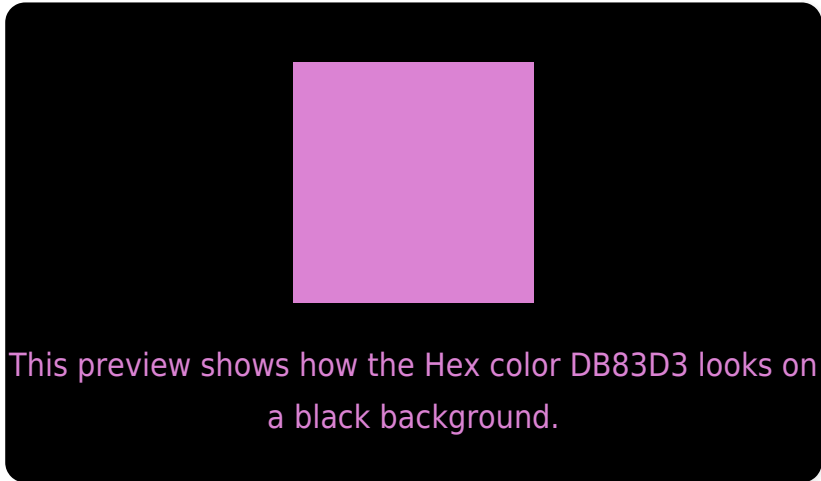
Large Text (above 18pt) WCAG AA × Fail

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

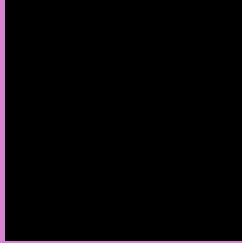
Any Text WCAG AA ✓ Pass

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 DB83D3 Background



This preview shows how black text looks on a background with the Hex color DB83D3.

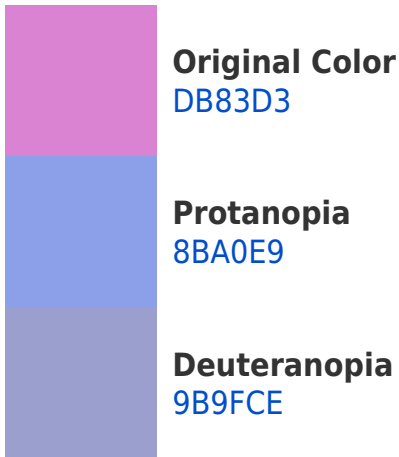


This preview shows how white text looks on a background with the Hex color DB83D3.

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
D48F9A

Trichromacy



Original Color
DB83D3



Protanomaly
A895E1



Deuteranomaly
B295D0

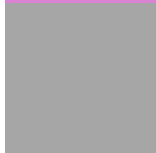


Tritanomaly
D78BAF

Monochromacy



Original Color
DB83D3



Achromatopsia
A6A6A6



Achromatomaly
B999B6

CSS Examples

Text

The CSS property to change the color of the text to Hex DB83D3 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 #DB83D3 looks like.

```
.text, #text, p{  
    color:#DB83D3  
}
```

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 #DB83D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB83D3
}
```

Border

The CSS property to change the border of an element to Hex DB83D3 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
#DB83D3 }
```

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

```
.border{ border-color:#DB83D3 }
```

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

Here you see how a box with a 4 pixel #DB83D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB83D3; -webkit-box-shadow:4px 4px  
4px 4px #DB83D3; box-shadow:4px 4px 4px  
4px #DB83D3 }
```

Background

The CSS property to change the background color of an element to Hex DB83D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB83D3 }
```

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

```
.background{ background-color:#DB83D3 }
```

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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