

Converting Colors

Hex(DB83C8)

Have a look what the booklet for
Hex(DB83C8) contains.

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Color

Hex(DB83C8)

Conversions

Conversions Part 1

Format	Color
Hex	DB83C8
RGB	219, 131, 200
RGB Percent	86%, 51%, 78%
CMY	0.1412, 0.4863, 0.2157
CMYK	0.00, 0.40, 0.09, 0.14
HSL	313°, 55%, 69%
HSV	313°, 40%, 86%
XYZ	47.7550, 35.4628, 58.9716
YIQ	165.1780, 30.2990, 40.1150

Conversions

Conversions Part 2

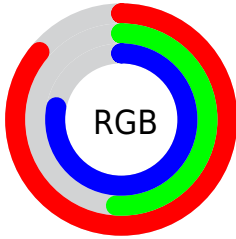
Format	Color
R _Y B	219, 131, 200
Decimal	14386120
CIE Lab	66.11, 43.58, -21.46
CIE LCh	66, 48.580, 333.782
Yxy	35.4628, 0.3359, 0.2494
Android (android.graphics.Color)	4292576200 (0xFFDB83C8)
YUV	165.1780, 17.1672, 47.2019
Hunter-Lab	59.5506, 38.9296, -17.0280

Details

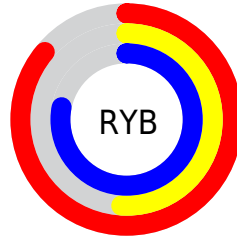
The Hex color **DB83C8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83DB96**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFBAFF**, and **A24F92** is the 20% darker color. If you saturate the color by 10%, you get **DB6DC3**, and if you desaturate by 10%, it is **DB99CD**.

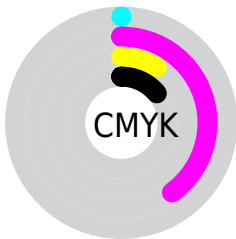
Distribution



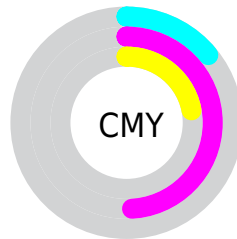
- Red (86%)
- Green (51%)
- Blue (78%)



- Red (86%)
- Yellow (51%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB83C8 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 DB83C8 by changing the saturation by 10% instead.

 DB83C8

FFFFFF

 FFBAFF

 FFD6FF

 FFF3FF

 DB83C8

 BE69AD

 A24F92

 873578

 6C1A5F

 520047

 390031

 22001B

 000000

 DB83C8

 DB83C8

 DB6DC3

 DB99CD

 DB57BF

 DBAFD1

 DB41BA

 DBC5D6

 DB2BB5

 DBDBDB

 DB15B0

 DBF1E0

 DB00AC

 DBFFE4

 DBFFE9

 DBFFEE

 DBFFF3

Harmonies

Analogous

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



AB93E9



DB83C8



F17C9D

Triad

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



DB83C8



B5A046



00B6D0

Complementary

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



DB83C8



83DB96

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.



00B7A5



DB83C8



88AC55

Square

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



DB83C8



D99052



4DB479



00AFEE

Rectangle

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



DB83C8



F27E80



4DB479



00B6C2

Sweetspot

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



DB83C8



FFE0F8



9583DB



806E7C



000000



808080

Same Dimension

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



DB83C8



FF85E5



DB839D



6E636B



AD0088



2E0024

Inverse Universe

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



DB83C8



FF85E5



83DBC1



6E636B



AD0088



2E0024

Previews

White Background



This preview shows how the Hex color DB83C8 looks on a white background.

Color Contrast Check

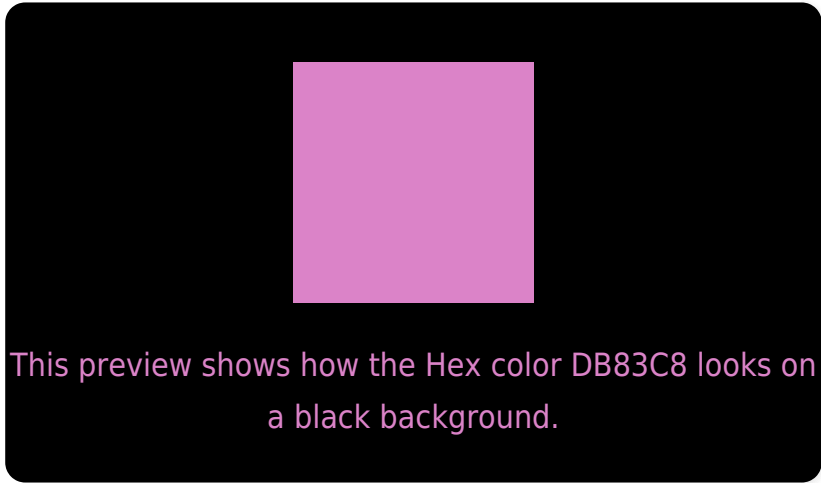
Large Text (above 18pt) WCAG AA × Fail

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 DB83C8 Background



This preview shows how black text looks on a background with the Hex color DB83C8.

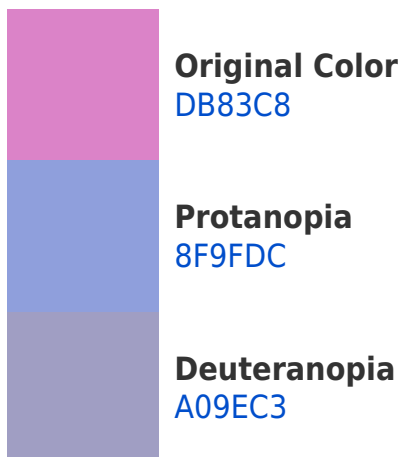


This preview shows how white text looks on a background with the Hex color DB83C8.

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](#).

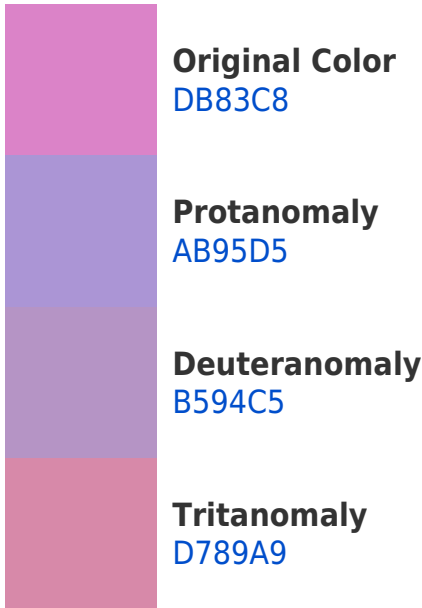
Dichromacy



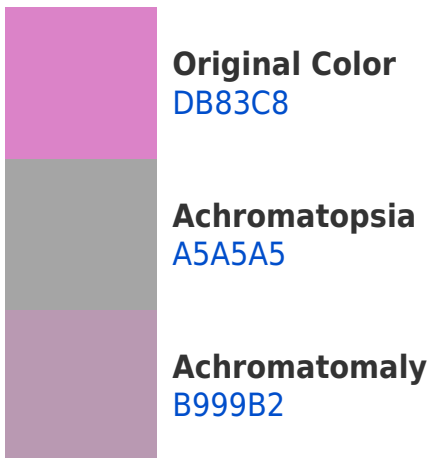


Tritanopia
D58D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB83C8 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 #DB83C8 looks like.

```
.text, #text, p{  
    color:#DB83C8  
}
```

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 #DB83C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB83C8  
}
```

Border

The CSS property to change the border of an element to Hex DB83C8 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  
#DB83C8 }
```

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

```
.border{ border-color:#DB83C8 }
```

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

Here you see how a box with a 4 pixel #DB83C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB83C8; -webkit-box-shadow:4px 4px  
4px 4px #DB83C8; box-shadow:4px 4px 4px  
4px #DB83C8 }
```

Background

The CSS property to change the background color of an element to Hex DB83C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB83C8 }
```

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

```
.background{ background-color:#DB83C8 }
```

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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