

# Converting Colors

Hex(DD83ED)

Have a look what the booklet for  
Hex(DD83ED) contains.

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**Color**

**Hex(DD83ED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD83ED
RGB	221, 131, 237
RGB Percent	87%, 51%, 93%
CMY	0.1333, 0.4863, 0.0706
CMYK	0.07, 0.45, 0.00, 0.07
HSL	291°, 75%, 72%
HSV	291°, 45%, 93%
XYZ	53.2212, 37.7192, 84.5962
YIQ	169.9940, 19.6140, 52.0460

# Conversions

## Conversions Part 2

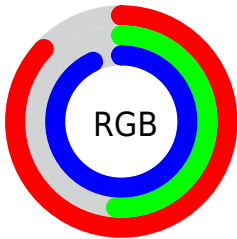
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 131, 237
Decimal	14517229
CIE Lab	67.81, 50.85, -39.36
CIE LCh	68, 64.303, 322.261
Yxy	37.7192, 0.3032, 0.2149
Android (android.graphics.Color)	4292707309 (0xFFDD83ED)
YUV	169.9940, 33.0340, 44.7323
Hunter-Lab	61.4159, 47.2047, -38.6767

# Details

The Hex color **DD83ED** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93ED83**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFBAFF**, and **A44EB5** is the 20% darker color. If you saturate the color by 10%, you get **D96BED**, and if you desaturate by 10%, it is **E19BED**.

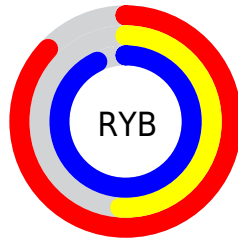
# Distribution



Red (87%)

Green (51%)

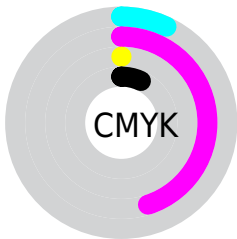
Blue (93%)



Red (87%)

Yellow (51%)

Blue (93%)

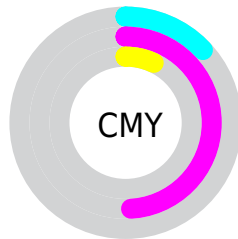


Cyan (7%)

Magenta (45%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (49%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD83ED 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 DD83ED by changing the saturation by 10% instead.



 DD83ED

 DD83ED

FFFFFF

 C068D1

 FFBAFF

 A44EB5

 FFD7FF

 88339A

 FFF4FF

 6D167F

 530066

 39004D

 220036

 00021F

 000003

 DD83ED

 DD83ED

 D96BED

 E19BED

 D654ED

 E4B2ED

 D23CED

 E8CAED

 CF24ED

 EBE2ED

 CB0CED

 EFF9ED

 C900ED

 F2FFED

 F6FFED

 FAFFED

 FDF FED

# Harmonies

## Analogous

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



8B9CFF



DD83ED



FF70B7

# Triad

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



DD83ED



D09D27



00C1D0

# Complementary

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



DD83ED



93ED83

# 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.



00C094



DD83ED



99AF2E

# Square

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



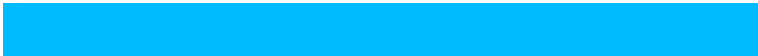
DD83ED



F9864A



4FBA5A



00BCFF

# Rectangle

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



DD83ED



FF6F90



4FBA5A



00C1BC



# Sweetspot

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



DD83ED



FADEFF



8395ED



7C6B80



000000



808080



# Same Dimension

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



DD83ED



EA75FF



ED83CA



746A75



9A00B5



2D0036



# Inverse Universe

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



ED8393



FF758A



83EDA6



756A6B



B5001B



360008



# Previews

## White Background



This preview shows how the Hex color DD83ED looks on a white background.

## Color Contrast Check

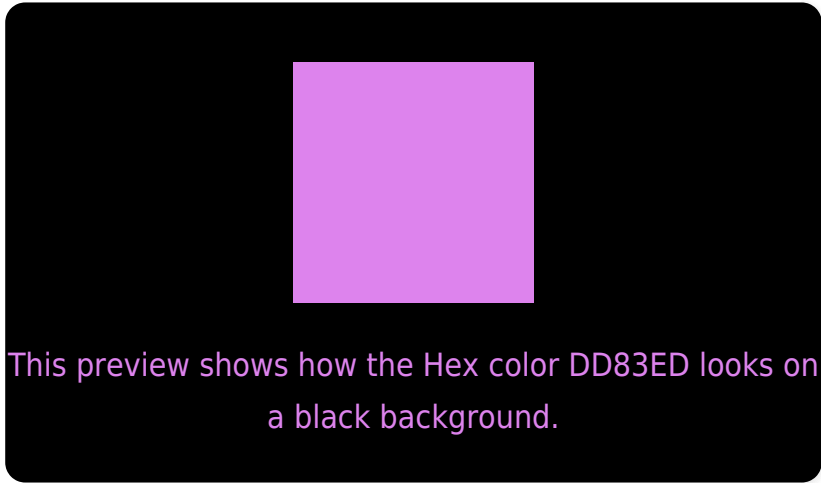
Large Text (above 18pt) WCAG AA × Fail

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

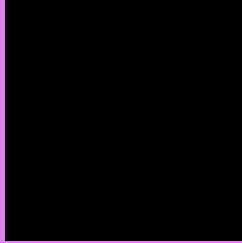
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DD83ED Background



This preview shows how black text looks on a background with the Hex color DD83ED.

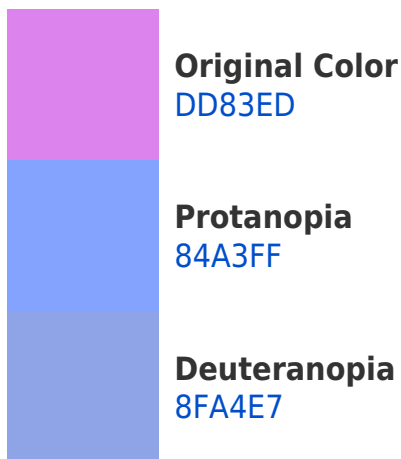


This preview shows how white text looks on a background with the Hex color DD83ED.

# 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**  
D294A0

# Trichromacy



**Original Color**  
DD83ED



**Protanomaly**  
A497F8



**Deuteranomaly**  
AB98E9

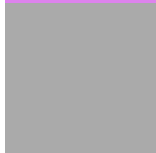


**Tritanomaly**  
D68EBC

# Monochromacy



**Original Color**  
DD83ED



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
BD9CC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD83ED 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 #DD83ED looks like.

```
.text, #text, p{  
    color:#DD83ED  
}
```

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 #DD83ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD83ED
}
```

## Border

The CSS property to change the border of an element to Hex DD83ED 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
#DD83ED }
```

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

```
.border{ border-color:#DD83ED }
```

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

Here you see how a box with a 4 pixel #DD83ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD83ED; -webkit-box-shadow:4px 4px  
4px 4px #DD83ED; box-shadow:4px 4px 4px  
4px #DD83ED }
```

# Background

The CSS property to change the background color of an element to Hex DD83ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD83ED }
```

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

```
.background{ background-color:#DD83ED }
```

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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