

Converting Colors

Hex(FF83DE)

Have a look what the booklet for
Hex(FF83DE) contains.

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Color

Hex(**FF83DE**)

Conversions

Conversions Part 1

Format	Color
Hex	FF83DE
RGB	255, 131, 222
RGB Percent	100%, 51%, 87%
CMY	0.0000, 0.4863, 0.1294
CMYK	0.00, 0.49, 0.13, 0.00
HSL	316°, 100%, 76%
HSV	316°, 49%, 100%
XYZ	62.5411, 42.7665, 74.0657
YIQ	178.4500, 44.6930, 54.5890

Conversions

Conversions Part 2

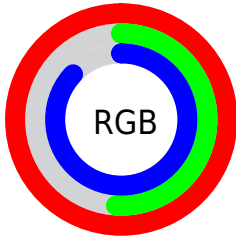
Format	Color
RYB	255, 131, 222
Decimal	16745438
CIELab	71.40, 58.18, -25.21
CIELCh	71, 63.409, 336.573
Yxy	42.7665, 0.3487, 0.2384
Android (android.graphics.Color)	4294935518 (0xFFFF83DE)
YUV	178.4500, 21.4702, 67.1344
Hunter-Lab	65.3961, 56.2640, -21.3728

Details

The Hex color **FF83DE** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **83FFA4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFBBFF**, and **C44CA7** is the 20% darker color. If you saturate the color by 10%, you get **FF6AD7**, and if you desaturate by 10%, it is **FF9CE5**.

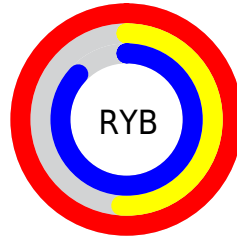
Distribution



Red (100%)

Green (51%)

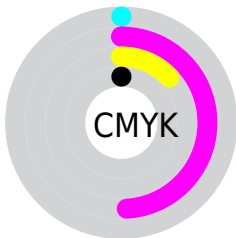
Blue (87%)



Red (100%)

Yellow (51%)

Blue (87%)

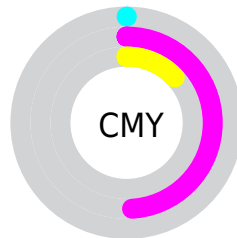


Cyan (0%)

Magenta (49%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF83DE 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 FF83DE by changing the saturation by 10% instead.

 FF83DE

 FF83DE

FFFFFF

 E167C2

 FFBBFF

 C44CA7

 FFD8FF

 A72E8C

 FFF6FF

 8B0572

 6F005A

 540042

 3B002C

 1E0016

 000000

 FF83DE

 FF83DE

 FF6AD7

 FF9CE5

 FF50D0

 FFB6EC

 FF37CA

 FFD0F2

 FF1DC3

 FFE9F9

 FF04BC

FFFFFF

 FF00BB

Harmonies

Analogous

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



C29AFF



FF83DE



FF79A4

Triad

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



FF83DE



C2B031



00C9F2

Complementary

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



FF83DE



83FFA4

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.



00CBBA



FF83DE



85BF4C

Square

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



FF83DE



F29B42



0FC87F



00C1FF

Rectangle

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



FF83DE



FF7F7F



0FC87F



00CAE1

Sweetspot

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



FF83DE



FFD9F5



A283FF



806979



000000



808080

Same Dimension

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



FF83DE



FF6BD8



FF83A2



80737C



BF008C



40002F

Inverse Universe

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



FF83DE



FF6BD8



83FFE0



80737C



BF008C



40002F

Previews

White Background



This preview shows how the Hex color FF83DE looks on a white background.

Color Contrast Check

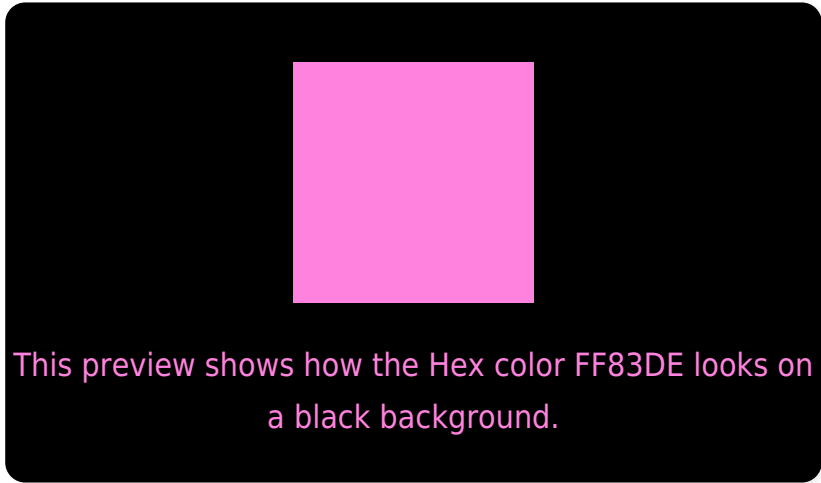
Large Text (above 18pt) WCAG AA × Fail

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 FF83DE Background



This preview shows how black text looks on a background with the Hex color FF83DE.

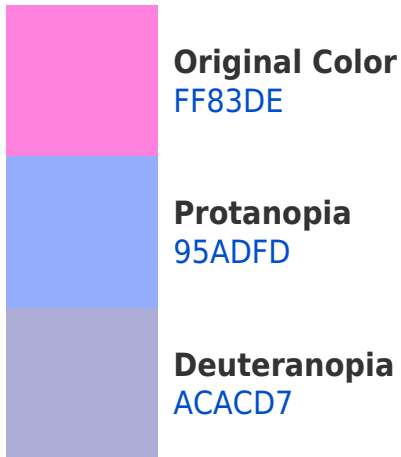



This preview shows how white text looks on a background with the Hex color FF83DE.

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
F8919C

Trichromacy



Original Color
FF83DE



Protanomaly
BC9EF2



Deuteranomaly
CA9DDA



Tritanomaly
FB8CB4

Monochromacy



Original Color
FF83DE



Achromatopsia
B2B2B2



Achromatomaly
CEA1C2

CSS Examples

Text

The CSS property to change the color of the text to Hex FF83DE 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 #FF83DE looks like.

```
.text, #text, p{  
    color:#FF83DE  
}
```

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 #FF83DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF83DE
}
```

Border

The CSS property to change the border of an element to Hex FF83DE 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
#FF83DE }
```

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

```
.border{ border-color:#FF83DE }
```

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

Here you see how a box with a 4 pixel #FF83DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF83DE; -webkit-box-shadow:4px 4px  
4px 4px #FF83DE; box-shadow:4px 4px 4px  
4px #FF83DE }
```

Background

The CSS property to change the background color of an element to Hex FF83DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF83DE }
```

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

```
.background{ background-color:#FF83DE }
```

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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