

Converting Colors

Hex(FF83E0)

Have a look what the booklet for
Hex(FF83E0) contains.

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Color

Hex(F83E0)

Conversions

Conversions Part 1

Format	Color
Hex	FF83E0
RGB	255, 131, 224
RGB Percent	100%, 51%, 88%
CMY	0.0000, 0.4863, 0.1216
CMYK	0.00, 0.49, 0.12, 0.00
HSL	315°, 100%, 76%
HSV	315°, 49%, 100%
XYZ	62.8108, 42.8744, 75.4861
YIQ	178.6780, 44.0510, 55.2110

Conversions

Conversions Part 2

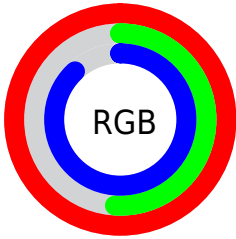
Format	Color
R _Y B	255, 131, 224
Decimal	16745440
CIE Lab	71.47, 58.49, -26.20
CIE LCh	71, 64.090, 335.870
Yxy	42.8744, 0.3467, 0.2367
Android (android.graphics.Color)	4294935520 (0xFFFF83E0)
YUV	178.6780, 22.3437, 66.9344
Hunter-Lab	65.4786, 56.6401, -22.5167

Details

The Hex color **FF83E0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83FFA2**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFBBFF**, and **C44CA9** is the 20% darker color. If you saturate the color by 10%, you get **FF6ADA**, and if you desaturate by 10%, it is **FF9CE6**.

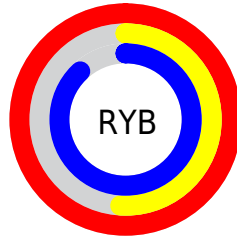
Distribution



Red (100%)

Green (51%)

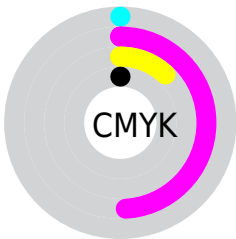
Blue (88%)



Red (100%)

Yellow (51%)

Blue (88%)

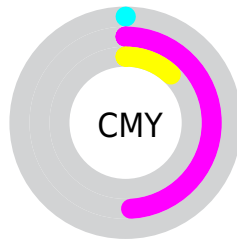


Cyan (0%)

Magenta (49%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF83E0 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 FF83E0 by changing the saturation by 10% instead.

 FF83E0

 FF83E0

FFFFFF

 E167C4

 FFBBFF

 C44CA9

 FFD8FF

 A72E8E

 FFF6FF

 8B0574

 6F005B

 540043

 3B002D

 1E0017

 000000

 FF83E0

 FF83E0

 FF6ADA

 FF9CE6

 FF50D3

 FFB6ED

 FF37CD

 FFD0F3

 FF1DC7

 FFE9FA

 FF04C0

FFFFFF

 FF00BF

Harmonies

Analogous

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



C19BFF



FF83E0



FF79A6

Triad

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



FF83E0



C4B02F



00CAF2

Complementary

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



FF83E0



83FFA2

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.



00CBB9



FF83E0



86BF4A

Square

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



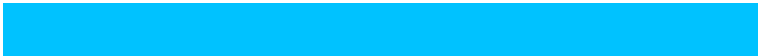
FF83E0



F49B41



12C87D



00C2FF

Rectangle

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



FF83E0



FF7E7F



12C87D



00CBE0

Sweetspot

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



FF83E0



FFD9F5



A283FF



80697A



000000



808080

Same Dimension

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



FF83E0



FF6BDA



FF83A2



80737C



BF008F



400030

Inverse Universe

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



FF83E0



FF6BDA



83FFE0



80737C



BF008F



400030

Previews

White Background



This preview shows how the Hex color FF83E0 looks on a white background.

Color Contrast Check

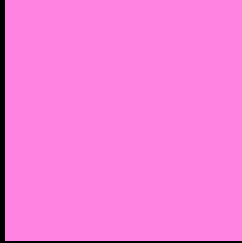
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FF83E0 looks on a 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 FF83E0 Background



This preview shows how black text looks on a background with the Hex color FF83E0.

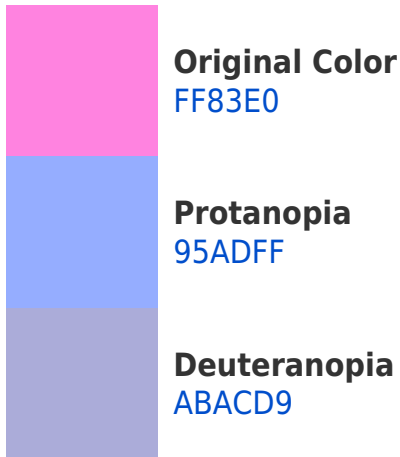



This preview shows how white text looks on a background with the Hex color FF83E0.

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
F8929D

Trichromacy



Original Color
FF83E0



Protanomaly
BC9EF4



Deuteranomaly
CA9DDC



Tritanomaly
FB8DB5

Monochromacy



Original Color
FF83E0



Achromatopsia
B3B3B3



Achromatomaly
CFA2C3

CSS Examples

Text

The CSS property to change the color of the text to Hex FF83E0 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 #FF83E0 looks like.

```
.text, #text, p{  
    color:#FF83E0  
}
```

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 #FF83E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF83E0
}
```

Border

The CSS property to change the border of an element to Hex FF83E0 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
#FF83E0 }
```

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

```
.border{ border-color:#FF83E0 }
```

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

Here you see how a box with a 4 pixel #FF83E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF83E0; -webkit-box-shadow:4px 4px  
4px 4px #FF83E0; box-shadow:4px 4px 4px  
4px #FF83E0 }
```

Background

The CSS property to change the background color of an element to Hex FF83E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF83E0 }
```

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

```
.background{ background-color:#FF83E0 }
```

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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