

Converting Colors

Hex(FF83E8)

Have a look what the booklet for
Hex(FF83E8) contains.

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Color

Hex(F83E8)

Conversions

Conversions Part 1

Format	Color
Hex	FF83E8
RGB	255, 131, 232
RGB Percent	100%, 51%, 91%
CMY	0.0000, 0.4863, 0.0902
CMYK	0.00, 0.49, 0.09, 0.00
HSL	311°, 100%, 76%
HSV	311°, 49%, 100%
XYZ	63.9218, 43.3188, 81.3362
YIQ	179.5900, 41.4830, 57.6990

Conversions

Conversions Part 2

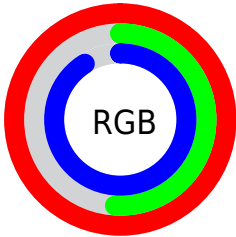
Format	Color
R _Y B	255, 131, 232
Decimal	16745448
CIE _{Lab}	71.77, 59.74, -30.14
CIE _{LCh}	72, 66.917, 333.229
Y _{xy}	43.3188, 0.3390, 0.2297
Android (android.graphics.Color)	4294935528 (0xFFFF83E8)
Y _{UV}	179.5900, 25.8381, 66.1346
Hunter-Lab	65.8170, 58.1802, -27.1983

Details

The Hex color **FF83E8** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83FF9A**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFBBFF**, and **C44BB0** is the 20% darker color. If you saturate the color by 10%, you get **FF6AE3**, and if you desaturate by 10%, it is **FF9CED**.

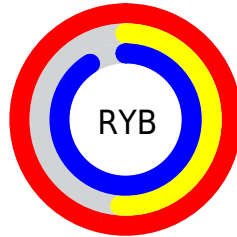
Distribution



Red (100%)

Green (51%)

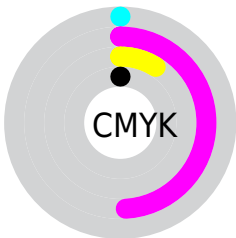
Blue (91%)



Red (100%)

Yellow (51%)

Blue (91%)

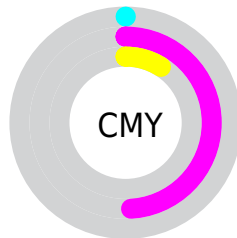


Cyan (0%)

Magenta (49%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF83E8 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 FF83E8 by changing the saturation by 10% instead.

 FF83E8

 FF83E8

FFFFFF

 E167CC

 FFBBFF

 C44BB0

 FFD8FF

 A72E95

 FFF6FF

 8B037B

 6F0062

 54004A

 3B0033

 1F001D

 000000

 FF83E8

 FF83E8

 FF6AE3

 FF9CED

 FF50DF

 FFB6F1

 FF37DA

 FFD0F6

 FF1DD5

 FFE9FB

 FF04D0

FFFFFF

 FF00D0

Harmonies

Analogous

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



BA9DFF



FF83E8



FF76AC

Triad

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



FF83E8



CAAF27



00CCF1

Complementary

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



FF83E8



83FF9A

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.



00CDB5



FF83E8



8BBF41

Square

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



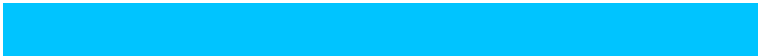
FF83E8



FB9840



1AC976



00C4FF

Rectangle

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



FF83E8



FF7B83



1AC976



00CDDE

Sweetspot

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



FF83E8



FFD9F8



9A83FF



80697B



000000



808080

Same Dimension

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



FF83E8



FF6BE4



FF83AA



80737D



BF009C



400034

Inverse Universe

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



FF83E8



FF6BE4



83FFD8



80737D



BF009C



400034

Previews

White Background



This preview shows how the Hex color FF83E8 looks on a white background.

Color Contrast Check

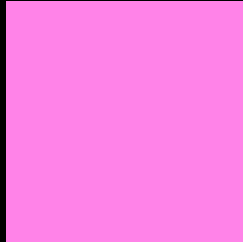
Large Text (above 18pt) WCAG AA × Fail

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 FF83E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

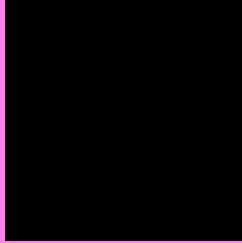
Any Text WCAG AA ✓ Pass

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 FF83E8 Background



This preview shows how black text looks on a background with the Hex color FF83E8.



This preview shows how white text looks on a background with the Hex color FF83E8.

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
F7939E

Trichromacy



Original Color
FF83E8



Protanomaly
BC9EF7



Deuteranomaly
C89EE4



Tritanomaly
FA8DB9

Monochromacy



Original Color
FF83E8



Achromatopsia
B4B4B4



Achromatomaly
CFA2C7

CSS Examples

Text

The CSS property to change the color of the text to Hex FF83E8 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 #FF83E8 looks like.

```
.text, #text, p{  
    color:#FF83E8  
}
```

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 #FF83E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF83E8  
}
```

Border

The CSS property to change the border of an element to Hex FF83E8 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  
#FF83E8 }
```

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

```
.border{ border-color:#FF83E8 }
```

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

Here you see how a box with a 4 pixel #FF83E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF83E8; -webkit-box-shadow:4px 4px  
4px 4px #FF83E8; box-shadow:4px 4px 4px  
4px #FF83E8 }
```

Background

The CSS property to change the background color of an element to Hex FF83E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF83E8 }
```

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

```
.background{ background-color:#FF83E8 }
```

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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