

# Converting Colors

Hex(FF82E9)

Have a look what the booklet for  
Hex(FF82E9) contains.

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# **Color**

**Hex(F82E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF82E9
RGB	255, 130, 233
RGB Percent	100%, 51%, 91%
CMY	0.0000, 0.4902, 0.0863
CMYK	0.00, 0.49, 0.09, 0.00
HSL	311°, 100%, 75%
HSV	311°, 49%, 100%
XYZ	63.9306, 43.1085, 82.0420
YIQ	179.1170, 41.4370, 58.5330

# Conversions

## Conversions Part 2

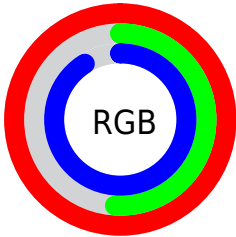
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 130, 233
Decimal	16745193
CIE <sub>Lab</sub>	71.63, 60.38, -30.91
CIE <sub>LCh</sub>	72, 67.830, 332.890
Yxy	43.1085, 0.3381, 0.2280
Android (android.graphics.Color)	4294935273 (0xFFFF82E9)
YUV	179.1170, 26.5643, 66.5494
Hunter-Lab	65.6570, 58.9066, -28.1262

# Details

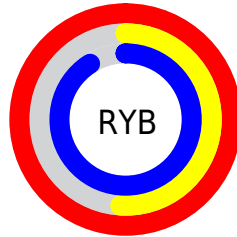
The Hex color **FF82E9** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82FF98**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFBAFF**, and **C44AB1** is the 20% darker color. If you saturate the color by 10%, you get **FF69E5**, and if you desaturate by 10%, it is **FF9BED**.

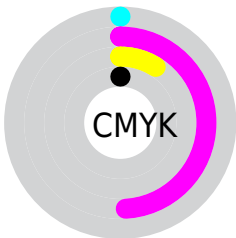
# Distribution



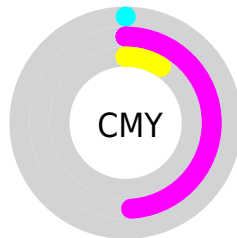
- Red (100%)
- Green (51%)
- Blue (91%)



- 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 FF82E9 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 FF82E9 by changing the saturation by 10% instead.



 FF82E9

 FF82E9

FFFFFF

 E166CD

 FFBAFF

 C44AB1

 FFD7FF

 A72C96

 FFF5FF

 8B007C

 6F0063

 54004A

 3B0034

 1F001E

 000000

 FF82E9

 FF82E9

 FF69E5

 FF9BED

 FF4FE0

 FFB5F2

 FF35DC

 FFCFF6

 FF1CD7

 FFE8FB

 FF02D3

FFFFFF

 FF00D2

# Harmonies

## Analogous

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



B89CFF



FF82E9



FF74AC

# Triad

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



FF82E9



CAAE24



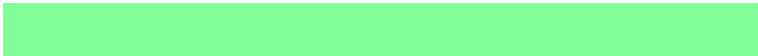
00CCF1

# Complementary

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



FF82E9



82FF98

# 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.



00CDB4



FF82E9



8BBF3E

# Square

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



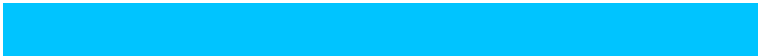
FF82E9



FB973E



14C974



00C4FF

# Rectangle

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



FF82E9



FF7983



14C974



00CDDE



# Sweetspot

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



FF82E9



FFD9F8



9782FF



80697B



000000



808080



# Same Dimension

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



FF82E9



FF69E5



FF82AC



80737D



BF009E



400035



# Inverse Universe

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



FF82E9



FF69E5



82FFD5



80737D



BF009E



400035



# Previews

## White Background



This preview shows how the Hex color FF82E9 looks on a white background.

## Color Contrast Check

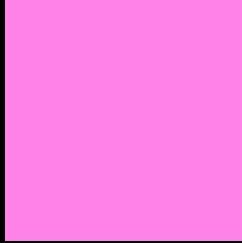
Large Text (above 18pt) WCAG AA × Fail

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 FF82E9 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 FF82E9 Background



This preview shows how black text looks on a background with the Hex color FF82E9.



This preview shows how white text looks on a background with the Hex color FF82E9.

# 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**  
F6939E

# Trichromacy



**Original Color**  
FF82E9



**Protanomaly**  
BC9DF7



**Deuteranomaly**  
C79DE5



**Tritanomaly**  
F98DB9

# Monochromacy



**Original Color**  
FF82E9



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
CFA1C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF82E9 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 #FF82E9 looks like.

```
.text, #text, p{  
    color:#FF82E9  
}
```

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 #FF82E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF82E9
}
```

## Border

The CSS property to change the border of an element to Hex FF82E9 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
#FF82E9 }
```

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

```
.border{ border-color:#FF82E9 }
```

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

Here you see how a box with a 4 pixel #FF82E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF82E9; -webkit-box-shadow:4px 4px  
4px 4px #FF82E9; box-shadow:4px 4px 4px  
4px #FF82E9 }
```

# Background

The CSS property to change the background color of an element to Hex FF82E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF82E9 }
```

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

```
.background{ background-color:#FF82E9 }
```

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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