

Converting Colors

Hex(FF87E7)

Have a look what the booklet for
Hex(FF87E7) contains.

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Color

Hex(F87E7)

Conversions

Conversions Part 1

Format	Color
Hex	FF87E7
RGB	255, 135, 231
RGB Percent	100%, 53%, 91%
CMY	0.0000, 0.4706, 0.0941
CMYK	0.00, 0.47, 0.09, 0.00
HSL	312°, 100%, 76%
HSV	312°, 47%, 100%
XYZ	64.3278, 44.3575, 80.7727
YIQ	181.8240, 40.7040, 55.2960

Conversions

Conversions Part 2

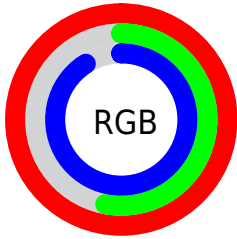
Format	Color
RYB	255, 135, 231
Decimal	16746471
CIELab	72.47, 57.67, -28.52
CIELCh	72, 64.337, 333.685
Yxy	44.3575, 0.3395, 0.2341
Android (android.graphics.Color)	4294936551 (0xFFFF87E7)
YUV	181.8240, 24.2438, 64.1754
Hunter-Lab	66.6014, 55.8540, -25.2846

Details

The Hex color **FF87E7** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87FF9F**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFBFFF**, and **C450AF** is the 20% darker color. If you saturate the color by 10%, you get **FF6EE2**, and if you desaturate by 10%, it is **FFA1EC**.

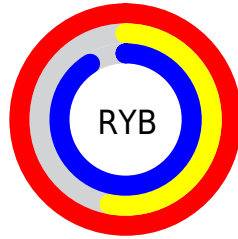
Distribution



Red (100%)

Green (53%)

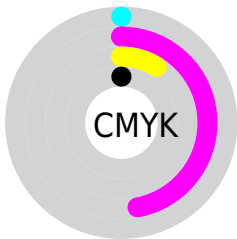
Blue (91%)



Red (100%)

Yellow (53%)

Blue (91%)

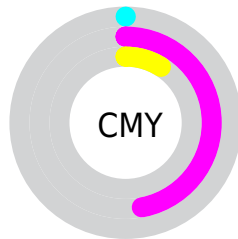


Cyan (0%)

Magenta (47%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF87E7 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 FF87E7 by changing the saturation by 10% instead.

 FF87E7

 FF87E7

FFFFFF

 E16BCB

 FFBFFF

 C450AF

 FFD0FF

 A73394

 FFFAFF

 8B107A

 700061

 550049

 3C0032

 20001C

 000000

 FF87E7

 FF87E7

 FF6EE2

 FFA1EC

 FF54DD

 FFBAF1

 FF3AD8

 FFD4F6

 FF21D3

 FFEDFB

 FF08CD

FFFFFF

 FF00CC

Harmonies

Analogous

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



BD9FFF



FF87E7



FF7BAD

Triad

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



FF87E7



CAB132



00CDF1

Complementary

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



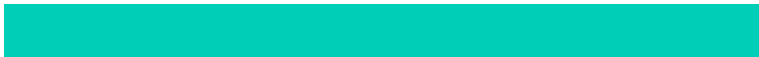
FF87E7



87FF9F

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.



00CEB7



FF87E7



8EC149

Square

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



FF87E7



FA9B46



2BCA7B



00C5FF

Rectangle

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



FF87E7



FF8086



2BCA7B



00CEDF

Sweetspot

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



FF87E7



FFDBF8



9F87FF



806A7B



000000



808080

Same Dimension

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



FF87E7



FF70E2



FF87AB



80737D



BF0099



400033

Inverse Universe

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



FF87E7



FF70E2



87FFDB



80737D



BF0099



400033

Previews

White Background



This preview shows how the Hex color FF87E7 looks on a white background.

Color Contrast Check

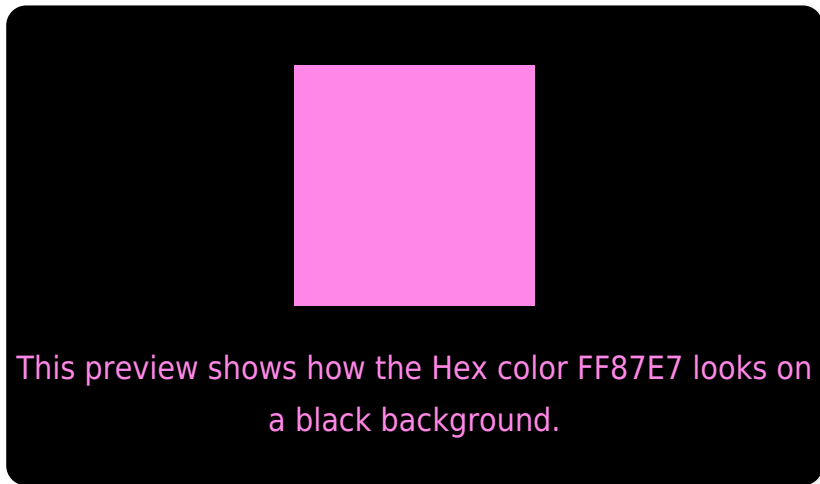
Large Text (above 18pt) WCAG AA × Fail

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 FF87E7 Background



This preview shows how black text looks on a background with the Hex color FF87E7.

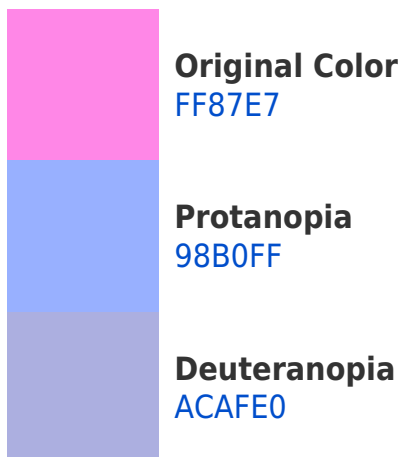



This preview shows how white text looks on a background with the Hex color FF87E7.

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
F796A1

Trichromacy



Original Color
FF87E7



Protanomaly
BDA1F6



Deuteranomaly
CAA0E3



Tritanomaly
FA91BA

Monochromacy



Original Color
FF87E7



Achromatopsia
B6B6B6



Achromatomaly
D1A5C8

CSS Examples

Text

The CSS property to change the color of the text to Hex FF87E7 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 #FF87E7 looks like.

```
.text, #text, p{  
    color:#FF87E7  
}
```

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 #FF87E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF87E7
}
```

Border

The CSS property to change the border of an element to Hex FF87E7 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
#FF87E7 }
```

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

```
.border{ border-color:#FF87E7 }
```

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

Here you see how a box with a 4 pixel #FF87E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF87E7; -webkit-box-shadow:4px 4px  
4px 4px #FF87E7; box-shadow:4px 4px 4px  
4px #FF87E7 }
```

Background

The CSS property to change the background color of an element to Hex FF87E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF87E7 }
```

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

```
.background{ background-color:#FF87E7 }
```

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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