

Converting Colors

Hex(FF88E4)

Have a look what the booklet for
Hex(FF88E4) contains.

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Color

Hex(F88E4)

Conversions

Conversions Part 1

Format	Color
Hex	FF88E4
RGB	255, 136, 228
RGB Percent	100%, 53%, 89%
CMY	0.0000, 0.4667, 0.1059
CMYK	0.00, 0.47, 0.11, 0.00
HSL	314°, 100%, 77%
HSV	314°, 47%, 100%
XYZ	64.0478, 44.4698, 78.6066
YIQ	182.0690, 41.3920, 53.8400

Conversions

Conversions Part 2

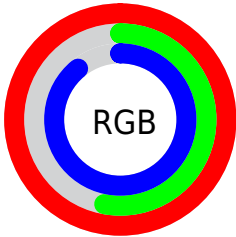
Format	Color
R_{YB}	255, 136, 228
Decimal	16746724
CIE _{Lab}	72.54, 56.71, -26.76
CIE _{LCh}	73, 62.707, 334.739
Yxy	44.4698, 0.3423, 0.2376
Android (android.graphics.Color)	4294936804 (0xFFFF88E4)
YUV	182.0690, 22.6440, 63.9605
Hunter-Lab	66.6856, 54.7392, -23.2089

Details

The Hex color **FF88E4** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **88FFA3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFC0FF**, and **C451AC** is the 20% darker color. If you saturate the color by 10%, you get **FF6FDE**, and if you desaturate by 10%, it is **FFA2EA**.

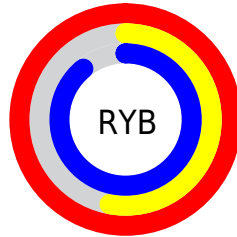
Distribution



Red (100%)

Green (53%)

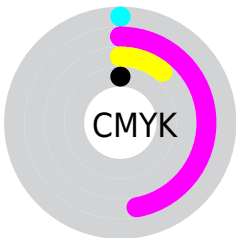
Blue (89%)



Red (100%)

Yellow (53%)

Blue (89%)

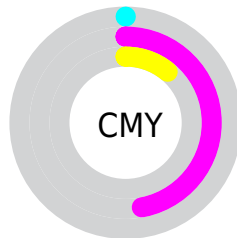


Cyan (0%)

Magenta (47%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF88E4 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 FF88E4 by changing the saturation by 10% instead.

 FF88E4

 FF88E4

FFFFFF

 E16CC8

 FFC0FF

 C451AC

 FFDDFF

 A73592

 FFFBFF

 8B1378

 70005F

 550047

 3C0030

 20001A

 000000

 FF88E4

 FF88E4

 FF6FDE

 FFA2EA

 FF55D8

 FFBBF0

 FF3CD3

 FFD5F5

 FF22CD

 FFEEFB

 FF09C7

FFFFFF

 FF00C5

Harmonies

Analogous

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



C19FFF



FF88E4



FF7DAB

Triad

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



FF88E4



C9B236



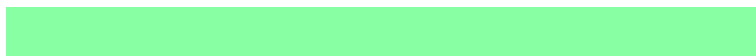
00CCF2

Complementary

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



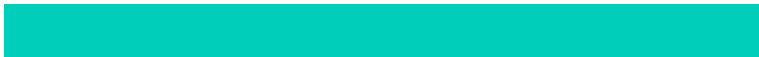
FF88E4



88FFA3

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.



00CEBA



FF88E4



8DC14E

Square

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



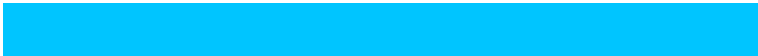
FF88E4



F89D48



2DCA7F



00C5FF

Rectangle

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



FF88E4



FF8285



2DCA7F



00CEE0

Sweetspot

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



FF88E4



FFDBF7



A288FF



806A7B



000000



808080

Same Dimension

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



FF88E4



FF70DF



FF88AA



80737D



BF0094



400031

Inverse Universe

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



FF88E4



FF70DF



88FFDD



80737D



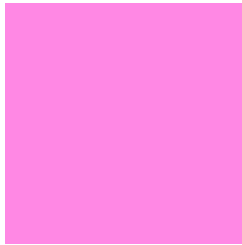
BF0094



400031

Previews

White Background



This preview shows how the Hex color FF88E4 looks on a white background.

Color Contrast Check

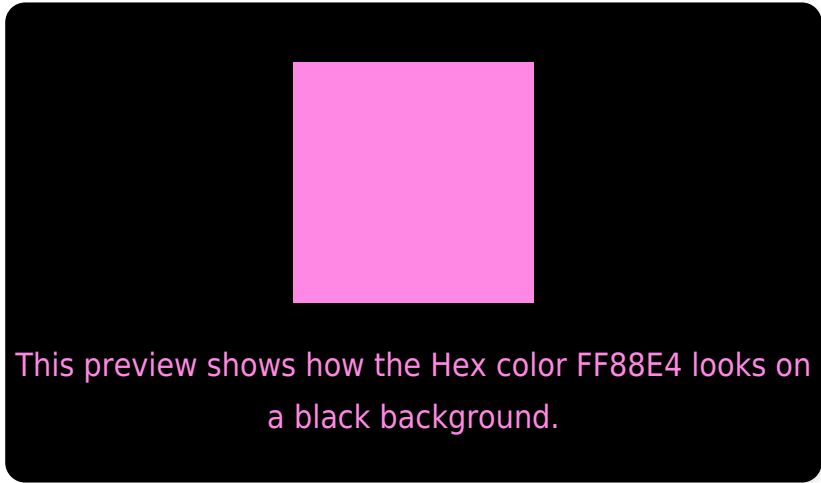
Large Text (above 18pt) WCAG AA × Fail

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 FF88E4 Background



This preview shows how black text looks on a background with the Hex color FF88E4.

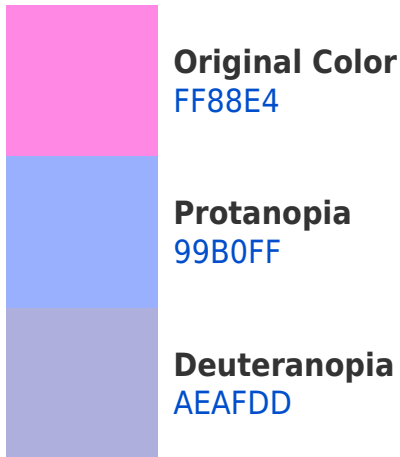


This preview shows how white text looks on a background with the Hex color FF88E4.

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
F896A2

Trichromacy



Original Color
FF88E4



Protanomaly
BEA1F5



Deuteranomaly
CBA1E0



Tritanomaly
FB91BA

Monochromacy



Original Color
FF88E4



Achromatopsia
B6B6B6



Achromatomaly
D1A5C7

CSS Examples

Text

The CSS property to change the color of the text to Hex FF88E4 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 #FF88E4 looks like.

```
.text, #text, p{  
    color:#FF88E4  
}
```

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 #FF88E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF88E4
}
```

Border

The CSS property to change the border of an element to Hex FF88E4 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
#FF88E4 }
```

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

```
.border{ border-color:#FF88E4 }
```

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

Here you see how a box with a 4 pixel #FF88E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF88E4; -webkit-box-shadow:4px 4px  
4px 4px #FF88E4; box-shadow:4px 4px 4px  
4px #FF88E4 }
```

Background

The CSS property to change the background color of an element to Hex FF88E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF88E4 }
```

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

```
.background{ background-color:#FF88E4 }
```

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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