

Converting Colors

Hex(FF86EC)

Have a look what the booklet for
Hex(FF86EC) contains.

Hex(FF86EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F86EC)

Conversions

Conversions Part 1

Format	Color
Hex	FF86EC
RGB	255, 134, 236
RGB Percent	100%, 53%, 93%
CMY	0.0000, 0.4745, 0.0745
CMYK	0.00, 0.47, 0.07, 0.00
HSL	309°, 100%, 76%
HSV	309°, 47%, 100%
XYZ	64.9054, 44.3663, 84.4995
YIQ	181.8070, 39.3740, 57.3740

Conversions

Conversions Part 2

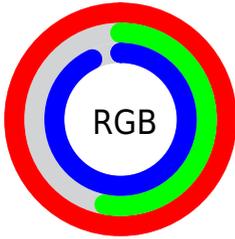
Format	Color
R _Y B	255, 134, 236
Decimal	16746220
CIE Lab	72.47, 58.95, -31.25
CIE LCh	72, 66.726, 332.071
Yxy	44.3663, 0.3350, 0.2290
Android (android.graphics.Color)	4294936300 (0xFFFF86EC)
YUV	181.8070, 26.7171, 64.1903
Hunter-Lab	66.6081, 57.3731, -28.5902

Details

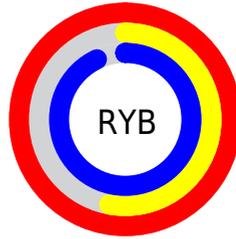
The Hex color **FF86EC** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **86FF99**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFBEFF**, and **C44FB4** is the 20% darker color. If you saturate the color by 10%, you get **FF6DE8**, and if you desaturate by 10%, it is **FFA0F0**.

Distribution



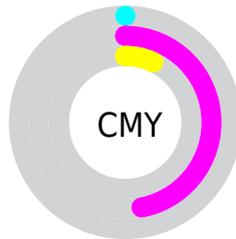
- Red (100%)
- Green (53%)
- Blue (93%)



- Red (100%)
- Yellow (53%)
- Blue (93%)



- Cyan (0%)
- Magenta (47%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF86EC 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 FF86EC by changing the saturation by 10% instead.

 FF86EC

 FF86EC

FFFFFF

 E16AD0

 FFBEFF

 C44FB4

 FFDBFF

 A73299

 FFF9FF

 8B0C7F

 700065

 55004D

 3B0036

 200020

 000003

 FF86EC

 FF86EC

 FF6DE8

 FFA0F0

 FF53E4

 FFB9F4

 FF3AE0

 FFD3F8

 FF20DC

 FFECFC

 FF07D8

FFFFFF

 FF00D7

Harmonies

Analogous

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



B8A0FF



FF86EC



FF78B0

Triad

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



FF86EC



CEB02A



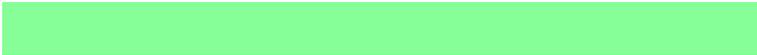
00CEF1

Complementary

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



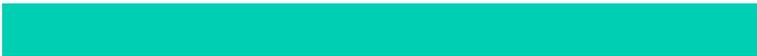
FF86EC



86FF99

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.



00CFB4



FF86EC



90C142

Square

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



FF86EC



FE9944



29CB76



00C7FF

Rectangle

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



FF86EC



FF7C88



29CB76



00CFDE

Sweetspot

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



FF86EC



FFDBF9



9886FF



806A7C



000000



808080

Same Dimension

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



FF86EC



FF6EE8



FF86B0



80737D



BF00A1



400036

Inverse Universe

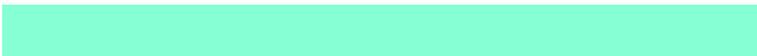
The Inverse Universe completely reimagines the original color for something new.



FF86EC



FF6EE8



86FFD5



80737D



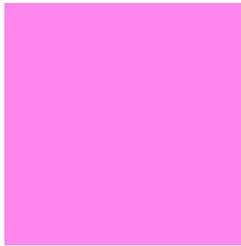
BF00A1



400036

Previews

White Background



This preview shows how the Hex color FF86EC looks on a white background.

Color Contrast Check

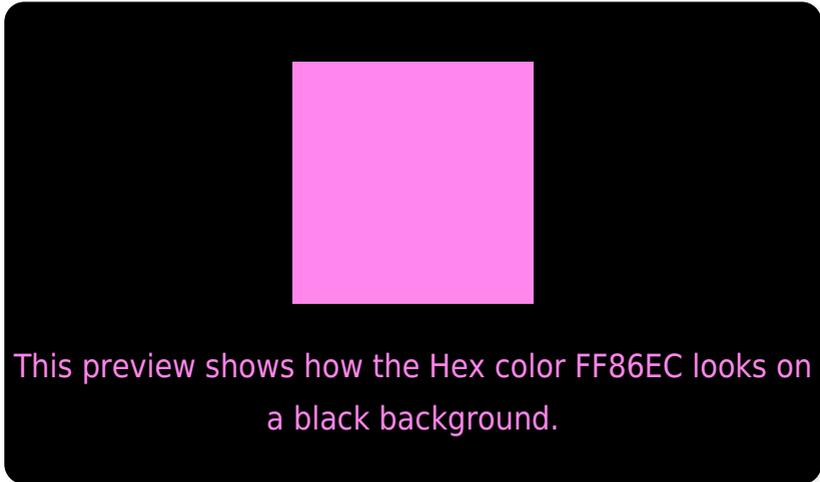
Large Text (above 18pt) WCAG AA × Fail

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

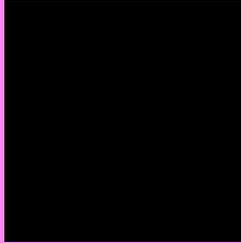
Any Text WCAG AA ✓ Pass

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 FF86EC Background



This preview shows how black text looks on a background with the Hex color FF86EC.



This preview shows how white text looks on a background with the Hex color FF86EC.

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](#).

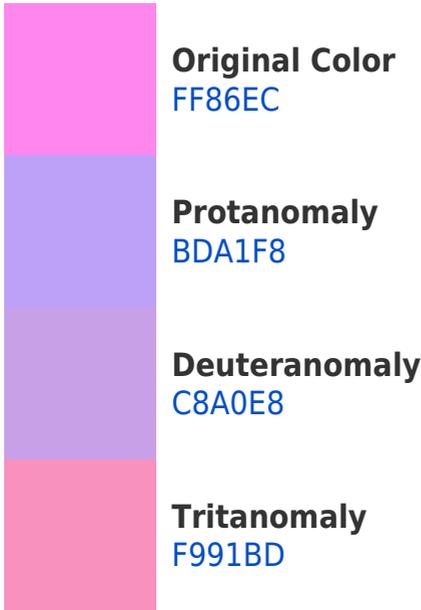
Dichromacy





Tritanopia
F697A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF86EC 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 #FF86EC looks like.

```
.text, #text, p{  
    color:#FF86EC  
}
```

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 #FF86EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF86EC
}
```

Border

The CSS property to change the border of an element to Hex FF86EC 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
#FF86EC }
```

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

```
.border{ border-color:#FF86EC }
```

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

Here you see how a box with a 4 pixel #FF86EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF86EC; -webkit-box-shadow:4px 4px  
4px 4px #FF86EC; box-shadow:4px 4px 4px  
4px #FF86EC }
```

Background

The CSS property to change the background color of an element to Hex FF86EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF86EC }
```

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

```
.background{ background-color:#FF86EC }
```

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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