

Converting Colors

Hex(F487EC)

Have a look what the booklet for
Hex(F487EC) contains.

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Color

Hex(F487EC)

Conversions

Conversions Part 1

Format	Color
Hex	F487EC
RGB	244, 135, 236
RGB Percent	96%, 53%, 93%
CMY	0.0431, 0.4706, 0.0745
CMYK	0.00, 0.45, 0.03, 0.04
HSL	304°, 83%, 74%
HSV	304°, 45%, 96%
XYZ	61.1125, 42.6172, 84.3618
YIQ	179.1050, 32.5430, 54.5190

Conversions

Conversions Part 2

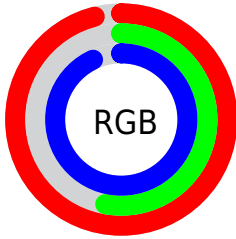
Format	Color
RYB	244, 135, 236
Decimal	16025580
CIELab	71.29, 55.28, -33.19
CIELCh	71, 64.479, 329.025
Yxy	42.6172, 0.3249, 0.2266
Android (android.graphics.Color)	4294215660 (0xFFFF487EC)
YUV	179.1050, 28.0492, 56.9129
Hunter-Lab	65.2818, 52.8567, -30.9215

Details

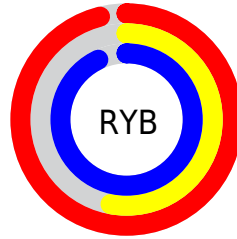
The Hex color **F487EC** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87F48F**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFBFFF**, and **BA51B4** is the 20% darker color. If you saturate the color by 10%, you get **F46FEA**, and if you desaturate by 10%, it is **F49FEE**.

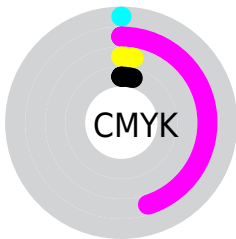
Distribution



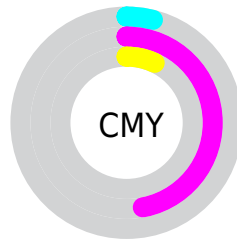
- Red (96%)
- Green (53%)
- Blue (93%)



- Red (96%)
- Yellow (53%)
- Blue (93%)



- Cyan (0%)
- Magenta (45%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color F487EC 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 F487EC by changing the saturation by 10% instead.

 F487EC

 F487EC

FFFFFF

 D76CD0

 FFBFFF

 BA51B4

 FFDCFF

 9D3599

 FFF9FF

 82157F

 670065

 4C004D

 340036

 15001F

 000002

 F487EC

 F487EC

 F46FEA

 F49FEE

 F456E8

 F4B8F0

 F43EE7

 F4D0F1

 F425E5

 F4E9F3

 F40DE3

 F4FFF5

 F400E2

 F4FFF7

 F4FFF9

 F4FFFA

 F4FFFC

Harmonies

Analogous

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



ACA0FF



F487EC



FF78B3

Triad

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



F487EC



CFAB2E



00CAE6

Complementary

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



F487EC



87F48F

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.



00CBAB



F487EC



95BC3F

Square

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



F487EC



FC9549



3FC66F



00C4FF

Rectangle

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



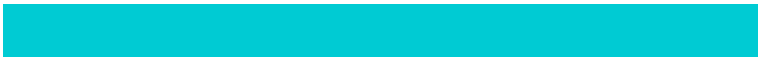
F487EC



FF7A8C



3FC66F



00CBD3

Sweetspot

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



F487EC



FFDEFD



8E87F4



806B7E



000000



808080

Same Dimension

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



F487EC



FF75F5



F487B6



7A6E7A



BA00AC



3B0036

Inverse Universe

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



F487EC



FF75F5



87F4C5



7A6E7A



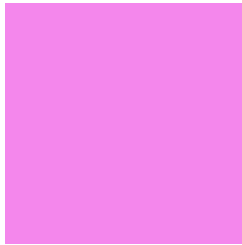
BA00AC



3B0036

Previews

White Background



This preview shows how the Hex color F487EC looks on a white background.

Color Contrast Check

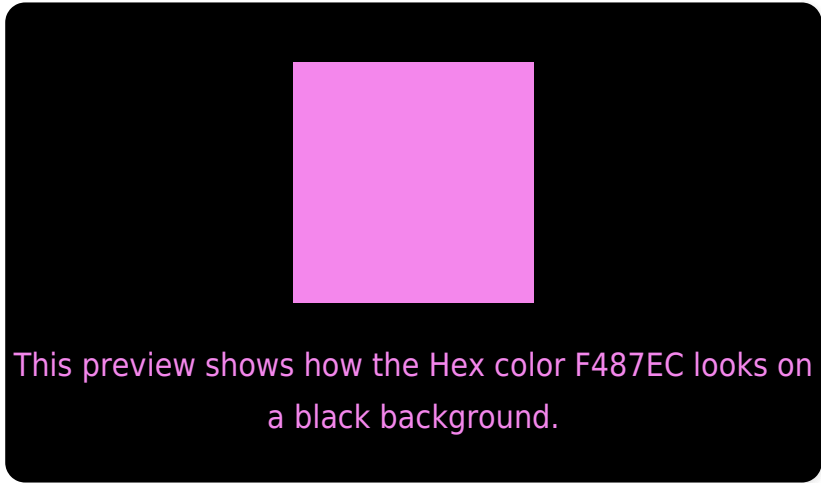
Large Text (above 18pt) WCAG AA × Fail

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 F487EC Background



This preview shows how black text looks on a background with the Hex color F487EC.

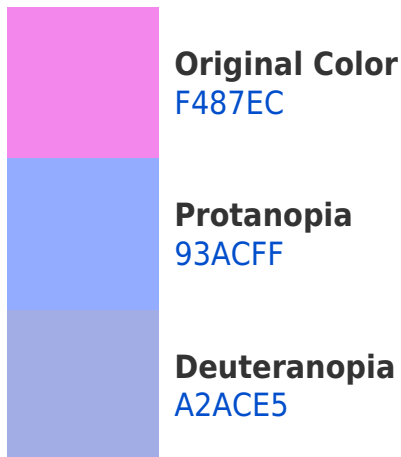


This preview shows how white text looks on a background with the Hex color F487EC.

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



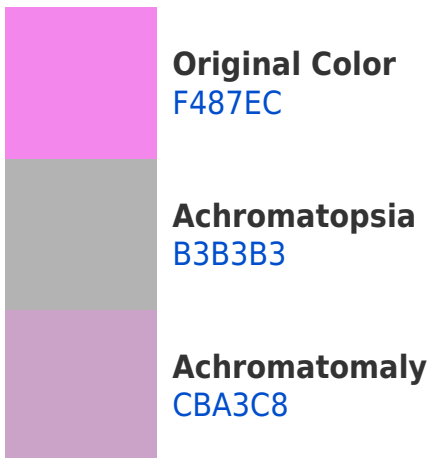


Tritanopia
EB97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F487EC 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 #F487EC looks like.

```
.text, #text, p{  
    color:#F487EC  
}
```

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 #F487EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F487EC
}
```

Border

The CSS property to change the border of an element to Hex F487EC 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
#F487EC }
```

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

```
.border{ border-color:#F487EC }
```

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

Here you see how a box with a 4 pixel #F487EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F487EC; -webkit-box-shadow:4px 4px  
4px 4px #F487EC; box-shadow:4px 4px 4px  
4px #F487EC }
```

Background

The CSS property to change the background color of an element to Hex F487EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F487EC }
```

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

```
.background{ background-color:#F487EC }
```

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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