

Converting Colors

Hex(E87FDA)

Have a look what the booklet for
Hex(E87FDA) contains.

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Color

Hex(E87FDA)

Conversions

Conversions Part 1

Format	Color
Hex	E87FDA
RGB	232, 127, 218
RGB Percent	91%, 50%, 85%
CMY	0.0902, 0.5020, 0.1451
CMYK	0.00, 0.45, 0.06, 0.09
HSL	308°, 70%, 70%
HSV	308°, 45%, 91%
XYZ	53.5230, 37.3965, 70.7269
YIQ	168.7690, 33.3690, 50.5610

Conversions

Conversions Part 2

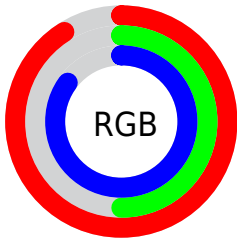
Format	Color
R _Y B	232, 127, 218
Decimal	15237082
CIE Lab	67.57, 52.66, -29.12
CIE LCh	68, 60.176, 331.062
Yxy	37.3965, 0.3311, 0.2313
Android (android.graphics.Color)	4293427162 (0xFFE87FDA)
YUV	168.7690, 24.2709, 55.4536
Hunter-Lab	61.1527, 49.2123, -25.7658

Details

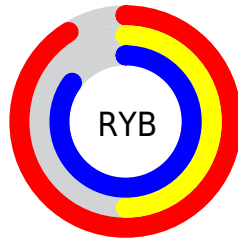
The Hex color **E87FDA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **7FE88D**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB6FF**, and **AE49A3** is the 20% darker color. If you saturate the color by 10%, you get **E868D7**, and if you desaturate by 10%, it is **E896DD**.

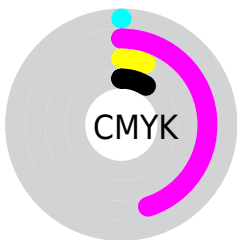
Distribution



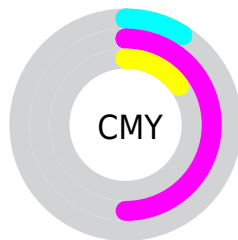
- Red (91%)
- Green (50%)
- Blue (85%)



- Red (91%)
- Yellow (50%)
- Blue (85%)



- Cyan (0%)
- Magenta (45%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color E87FDA 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 E87FDA by changing the saturation by 10% instead.

 E87FDA

 E87FDA

FFFFFF

 CB64BE

 FFB6FF

 AE49A3

 FFD3FF

 922E88

 FFF0FF

 770B6F

 5C0056

 42003E

 2B0028

 000111

 000000

 E87FDA

 E87FDA

 E868D7

 E896DD

 E851D4

 E8ADE0

 E839D1

 E8C5E3

 E822CE

 E8DCE6

 E80BCB

 E8F3E9

 E800C9

 E8FFED

 E8FFF0

 E8FFF3

 E8FFF6

Harmonies

Analogous

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



A895FF



E87FDA



FF73A5

Triad

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



E87FDA



C0A22F



00BEDB

Complementary

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



E87FDA



7FE88D

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.



00BFA5



E87FDA



89B241

Square

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



E87FDA



EB8E45



38BB6E



00B8FF

Rectangle

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



E87FDA



FF7681



38BB6E



00BFCA

Sweetspot

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



E87FDA



FFDBFA



8D7FE8



806A7D



000000



808080

Same Dimension

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



E87FDA



FF75ED



E87FA6



736771



B3009B



33002C

Inverse Universe

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



E87FDA



FF75ED



7FE8C2



736771



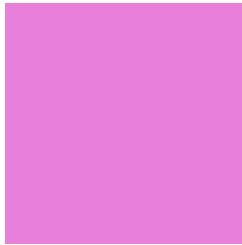
B3009B



33002C

Previews

White Background



This preview shows how the Hex color E87FDA 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 E87FDA Background



This preview shows how black text looks on a background with the Hex color E87FDA.

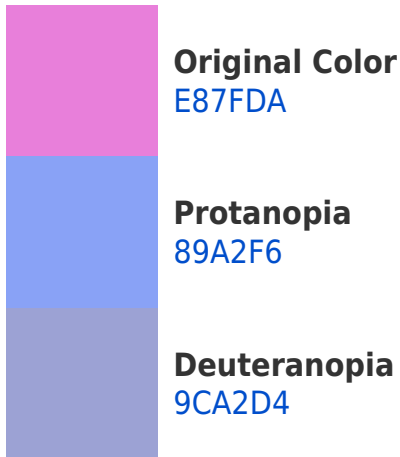


This preview shows how white text looks on a background with the Hex color E87FDA.

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
E08D98

Trichromacy



Original Color
E87FDA



Protanomaly
AC95EC



Deuteranomaly
B895D6



Tritanomaly
E388B0

Monochromacy



Original Color
E87FDA



Achromatopsia
A9A9A9



Achromatomaly
C09ABB

CSS Examples

Text

The CSS property to change the color of the text to Hex E87FDA 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 #E87FDA looks like.

```
.text, #text, p{  
    color:#E87FDA  
}
```

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 #E87FDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E87FDA
}
```

Border

The CSS property to change the border of an element to Hex E87FDA 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
#E87FDA }
```

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

```
.border{ border-color:#E87FDA }
```

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

Here you see how a box with a 4 pixel #E87FDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E87FDA; -webkit-box-shadow:4px 4px  
4px 4px #E87FDA; box-shadow:4px 4px 4px  
4px #E87FDA }
```

Background

The CSS property to change the background color of an element to Hex E87FDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E87FDA }
```

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

```
.background{ background-color:#E87FDA }
```

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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