

Converting Colors

Hex(F17DEB)

Have a look what the booklet for
Hex(F17DEB) contains.

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Color

Hex(F17DEB)

Conversions

Conversions Part 1

Format	Color
Hex	F17DEB
RGB	241, 125, 235
RGB Percent	95%, 49%, 92%
CMY	0.0549, 0.5098, 0.0784
CMYK	0.00, 0.48, 0.02, 0.05
HSL	303°, 81%, 72%
HSV	303°, 48%, 95%
XYZ	58.6046, 39.3662, 83.1069
YIQ	172.2240, 33.8260, 58.8020

Conversions

Conversions Part 2

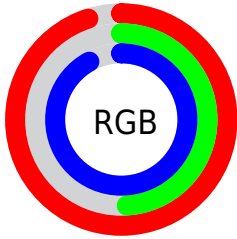
Format	Color
RYB	241, 125, 235
Decimal	15826411
CIELab	69.02, 59.12, -36.20
CIELCh	69, 69.322, 328.521
Yxy	39.3662, 0.3236, 0.2174
Android (android.graphics.Color)	4294016491 (0xFFFF17DEB)
YUV	172.2240, 30.9486, 60.3166
Hunter-Lab	62.7425, 56.9288, -34.6141

Details

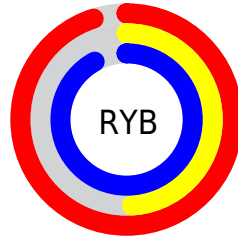
The Hex color **F17DEB** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **7DF183**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFB5FF**, and **B746B3** is the 20% darker color. If you saturate the color by 10%, you get **F165EA**, and if you desaturate by 10%, it is **F195EC**.

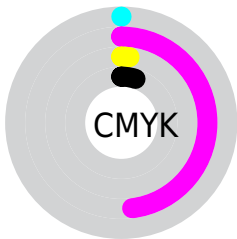
Distribution



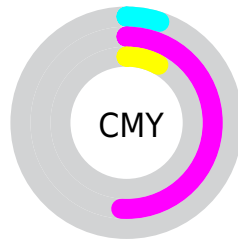
- Red (95%)
- Green (49%)
- Blue (92%)



- Red (95%)
- Yellow (49%)
- Blue (92%)



- Cyan (0%)
- Magenta (48%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (51%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color F17DEB 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 F17DEB by changing the saturation by 10% instead.

 F17DEB

 F17DEB

FFFFFF

 D461CF

 FFB5FF

 B746B3

 FFD2FF

 9A2898

 FFEFFF

 7E007E

 630064

 48004C

 310035

 0B001E

 000000

 F17DEB

 F17DEB

 F165EA

 F195EC

 F14DE9

 F1ADED

 F135E7

 F1C5EF

 F11DE6

 F1DDF0

 F105E5

 F1F5F1

 F100E5

 F1FFF2

 F1FFF4

 F1FFF5

 F1FFF6

Harmonies

Analogous

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



A299FF



F17DEB



FF6BAE

Triad

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



F17DEB



CAA414



00C5E3

Complementary

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



F17DEB



7DF183

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.



00C6A3



F17DEB



8DB62D

Square

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



F17DEB



FA8C3B



25C163



00BFFF

Rectangle

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



F17DEB



FF6E84



25C163



00C6CF

Sweetspot

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



F17DEB



FFDBFD



837DF1



806A7E



000000



808080

Same Dimension

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



F17DEB



FF6BF7



F17DB1



786C77



B800AE



380035

Inverse Universe

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



F17DEB



FF6BF7



7DF1BD



786C77



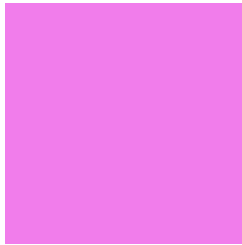
B800AE



380035

Previews

White Background



This preview shows how the Hex color F17DEB looks on a white background.

Color Contrast Check

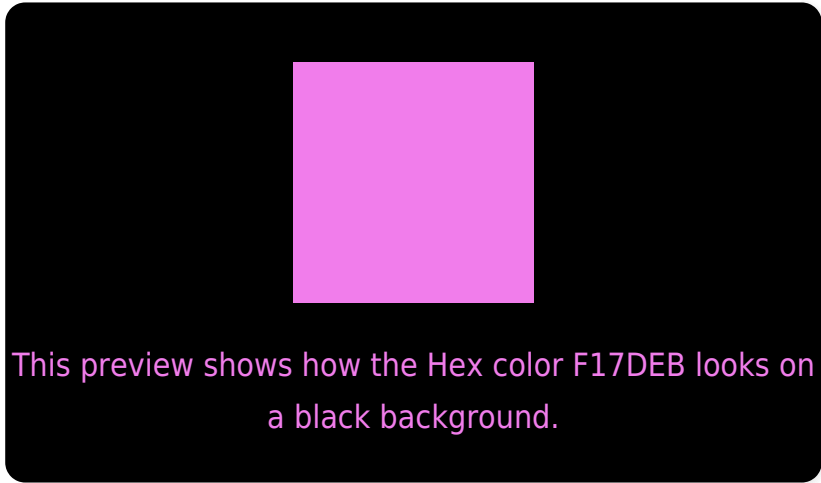
Large Text (above 18pt) WCAG AA × Fail

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 F17DEB Background



This preview shows how black text looks on a background with the Hex color F17DEB.

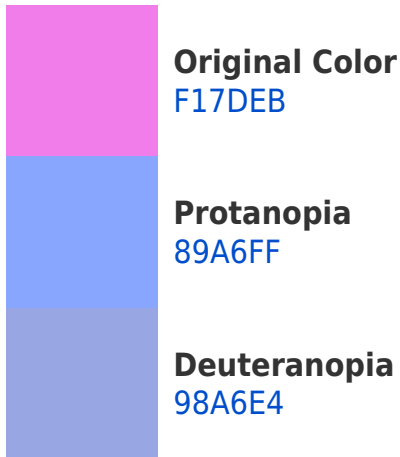


This preview shows how white text looks on a background with the Hex color F17DEB.

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](#).

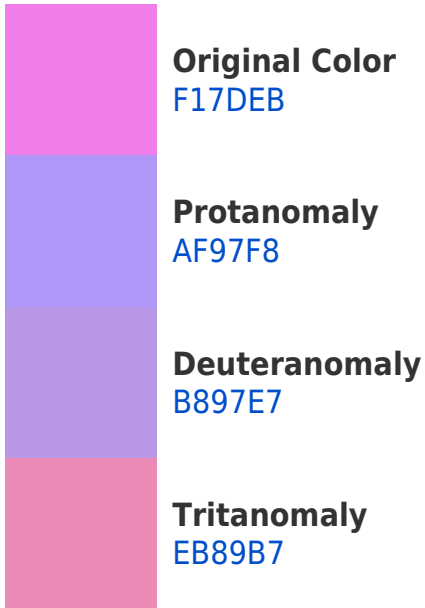
Dichromacy



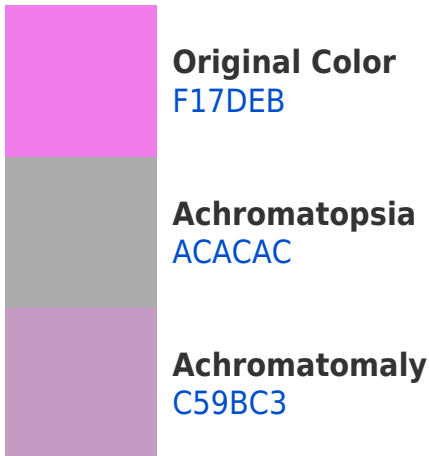


Tritanopia
E7909A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F17DEB 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 #F17DEB looks like.

```
.text, #text, p{  
    color:#F17DEB  
}
```

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 #F17DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F17DEB
}
```

Border

The CSS property to change the border of an element to Hex F17DEB 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
#F17DEB }
```

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

```
.border{ border-color:#F17DEB }
```

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

Here you see how a box with a 4 pixel #F17DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F17DEB; -webkit-box-shadow:4px 4px  
4px 4px #F17DEB; box-shadow:4px 4px 4px  
4px #F17DEB }
```

Background

The CSS property to change the background color of an element to Hex F17DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F17DEB }
```

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

```
.background{ background-color:#F17DEB }
```

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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