

Converting Colors

Hex(F17BD5)

Have a look what the booklet for
Hex(F17BD5) contains.

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Color

Hex(F17BD5)

Conversions

Conversions Part 1

Format	Color
Hex	F17BD5
RGB	241, 123, 213
RGB Percent	95%, 48%, 84%
CMY	0.0549, 0.5176, 0.1647
CMYK	0.00, 0.49, 0.12, 0.05
HSL	314°, 81%, 71%
HSV	314°, 49%, 95%
XYZ	55.3688, 37.6708, 67.3037
YIQ	168.5420, 41.4380, 53.0060

Conversions

Conversions Part 2

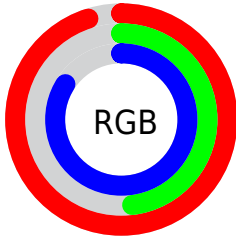
Format	Color
R _Y B	241, 123, 213
Decimal	15825877
CIE Lab	67.78, 56.48, -25.93
CIE LCh	68, 62.143, 335.343
Yxy	37.6708, 0.3453, 0.2349
Android (android.graphics.Color)	4294015957 (0xFFFF17BD5)
YUV	168.5420, 21.9178, 63.5457
Hunter-Lab	61.3765, 53.6190, -22.0521

Details

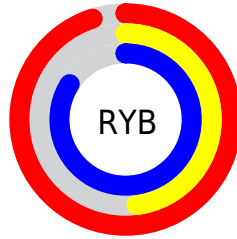
The Hex color **F17BD5** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7BF197**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB3FF**, and **B7449E** is the 20% darker color. If you saturate the color by 10%, you get **F163CF**, and if you desaturate by 10%, it is **F193DB**.

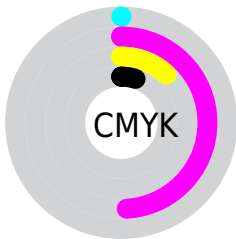
Distribution



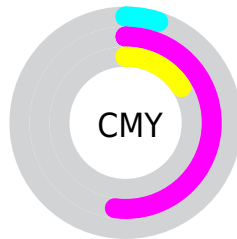
- Red (95%)
- Green (48%)
- Blue (84%)



- Red (95%)
- Yellow (48%)
- Blue (84%)



- Cyan (0%)
- Magenta (49%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (52%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color F17BD5 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 F17BD5 by changing the saturation by 10% instead.

 F17BD5

 F17BD5

FFFFFF

 D460B9

 FFB3FF

 B7449E

 FFCFFF

 9A2784

 FFEDFF

 7E006A

 630052

 48003B

 300025

 04000C

 000000

 F17BD5

 F17BD5

 F163CF

 F193DB

 F14BCA

 F1ABE0

 F133C4

 F1C3E6

 F11BBE

 F1DBEC

 F103B8

 F1F3F2

 F100B8

 F1FFF7

 F1FFFD

 F1FFFF

Harmonies

Analogous

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



B492FF



F17BD5



FF719D

Triad

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



F17BD5



BAA62A



00BF E5

Complementary

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



F17BD5



7BF197

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.



00C0AE



F17BD5



7FB443

Square

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



F17BD5



E8913C



0EBD74



00B7FF

Rectangle

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



F17BD5



FF7678



0EBD74



00C0D4

Sweetspot

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



F17BD5



FFD9F6



977BF1



80697A



000000



808080

Same Dimension

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



F17BD5



FF69DB



F17B9A



786C75



B8008C



38002B

Inverse Universe

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



F17BD5



FF69DB



7BF1D2



786C75



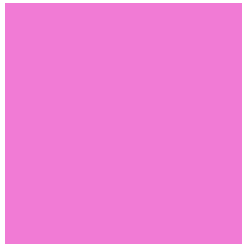
B8008C



38002B

Previews

White Background



This preview shows how the Hex color F17BD5 looks on a white background.

Color Contrast Check

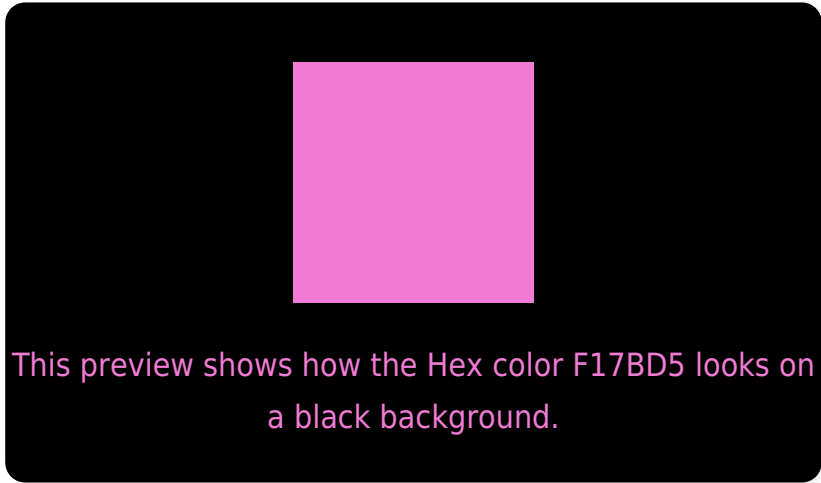
Large Text (above 18pt) WCAG AA × Fail

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 F17BD5 Background



This preview shows how black text looks on a background with the Hex color F17BD5.

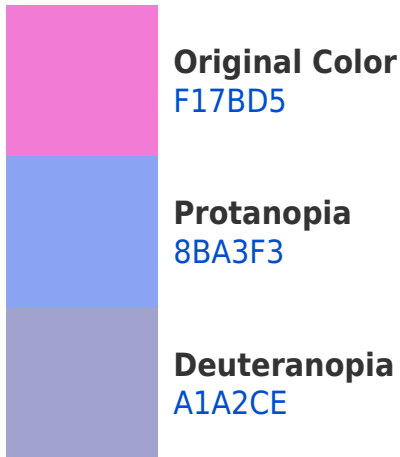



This preview shows how white text looks on a background with the Hex color F17BD5.

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
EA8994

Trichromacy



Original Color
F17BD5



Protanomaly
B094E8



Deuteranomaly
BE94D1



Tritanomaly
ED84AC

Monochromacy



Original Color
F17BD5



Achromatopsia
A9A9A9



Achromatomaly
C398B9

CSS Examples

Text

The CSS property to change the color of the text to Hex F17BD5 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 #F17BD5 looks like.

```
.text, #text, p{  
    color:#F17BD5  
}
```

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 #F17BD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F17BD5
}
```

Border

The CSS property to change the border of an element to Hex F17BD5 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
#F17BD5 }
```

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

```
.border{ border-color:#F17BD5 }
```

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

Here you see how a box with a 4 pixel #F17BD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F17BD5; -webkit-box-shadow:4px 4px  
4px 4px #F17BD5; box-shadow:4px 4px 4px  
4px #F17BD5 }
```

Background

The CSS property to change the background color of an element to Hex F17BD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F17BD5 }
```

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

```
.background{ background-color:#F17BD5 }
```

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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