

Converting Colors

Hex(F442EE)

Have a look what the booklet for
Hex(F442EE) contains.

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Color

Hex(F442EE)

Conversions

Conversions Part 1

Format	Color
Hex	F442EE
RGB	244, 66, 238
RGB Percent	96%, 26%, 93%
CMY	0.0431, 0.7412, 0.0667
CMYK	0.00, 0.73, 0.02, 0.04
HSL	302°, 89%, 61%
HSV	302°, 73%, 96%
XYZ	54.6891, 29.3026, 83.6624
YIQ	138.8300, 50.8760, 91.2280

Conversions

Conversions Part 2

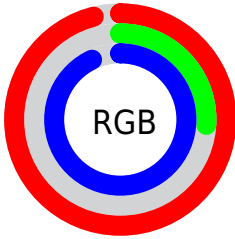
Format	Color
R_{YB}	244, 66, 238
Decimal	16007918
CIE _{Lab}	61.05, 83.77, -50.34
CIE _{LCh}	61, 97.731, 328.995
Yxy	29.3026, 0.3262, 0.1748
Android (android.graphics.Color)	4294197998 (0xFFFF442EE)
YUV	138.8300, 48.8908, 92.2341
Hunter-Lab	54.1319, 85.6067, -53.7422

Details

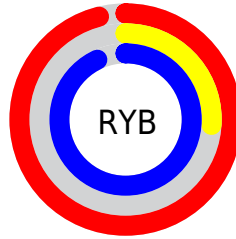
The Hex color **F442EE** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **42F448**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF82FF**, and **B800B5** is the 20% darker color. If you saturate the color by 10%, you get **F42AED**, and if you desaturate by 10%, it is **F45AEF**.

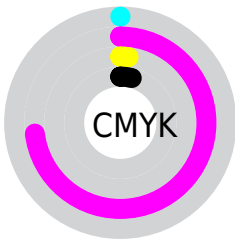
Distribution



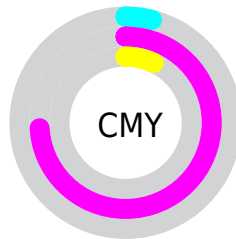
- Red (96%)
- Green (26%)
- Blue (93%)



- Red (96%)
- Yellow (26%)
- Blue (93%)



- Cyan (0%)
- Magenta (73%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (74%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color F442EE 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 F442EE by changing the saturation by 10% instead.

 F442EE

 F442EE

FFFFFF

 D613D1

 FF82FF

 B800B5

 FFA0FF

 9A009A

 FFBEFF

 7D007F

 FFDDFF

 600066

 FFFBFF

 45004D

 270035

 00001F

 000001

 F442EE

 F442EE

 F42AED

 F45AEF

 F411EC

 F473F0

 F400EC

 F48BF0

 F4A4F1

 F4BCF2

 F4D4F3

 F4EDF4

 F4FFF5

Harmonies

Analogous

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



797DFE



F442EE



FF009A

Triad

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



F442EE



B58F00



00B7E6

Complementary

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



F442EE



42F448

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.



00B68E



F442EE



5EA600

Square

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



F442EE



F66800



00B12E



00B1FF

Rectangle

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



F442EE



FF0062



00B12E



00B7CA

Sweetspot

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



F442EE



FFC7FD



4842F4



805E7E



000000



808080

Same Dimension

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



F442EE



FF1FF7



F44295



7A6E7A



BA00B4



3B0039

Inverse Universe

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



F442EE



FF1FF7



42F4A1



7A6E7A



BA00B4



3B0039

Previews

White Background



This preview shows how the Hex color F442EE looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F442EE Background



This preview shows how black text looks on a background with the Hex color F442EE.

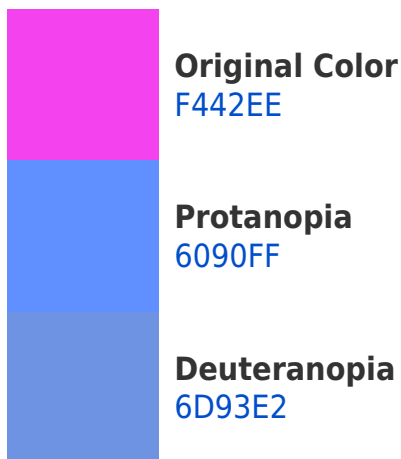



This preview shows how white text looks on a background with the Hex color F442EE.

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
E76D74

Trichromacy



Original Color
F442EE



Protanomaly
9674F9



Deuteranomaly
9E76E6

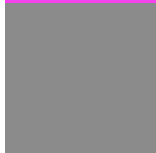


Tritanomaly
EC5DA0

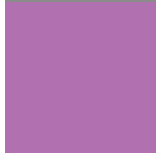
Monochromacy



Original Color
F442EE



Achromatopsia
8B8B8B



Achromatomaly
B170AF

CSS Examples

Text

The CSS property to change the color of the text to Hex F442EE 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 #F442EE looks like.

```
.text, #text, p{  
    color:#F442EE  
}
```

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 #F442EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F442EE
}
```

Border

The CSS property to change the border of an element to Hex F442EE 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
#F442EE }
```

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

```
.border{ border-color:#F442EE }
```

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

Here you see how a box with a 4 pixel #F442EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F442EE; -webkit-box-shadow:4px 4px  
4px 4px #F442EE; box-shadow:4px 4px 4px  
4px #F442EE }
```

Background

The CSS property to change the background color of an element to Hex F442EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F442EE }
```

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

```
.background{ background-color:#F442EE }
```

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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