

Converting Colors

Hex(FF4BEE)

Have a look what the booklet for
Hex(FF4BEE) contains.

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Color

Hex(F4BEE)

Conversions

Conversions Part 1

Format	Color
Hex	FF4BEE
RGB	255, 75, 238
RGB Percent	100%, 29%, 93%
CMY	0.0000, 0.7059, 0.0667
CMYK	0.00, 0.71, 0.07, 0.00
HSL	306°, 100%, 65%
HSV	306°, 71%, 100%
XYZ	59.1887, 32.4652, 84.0357
YIQ	147.4020, 54.9570, 88.8530

Conversions

Conversions Part 2

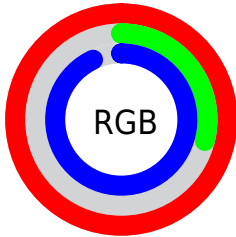
Format	Color
R _{YB}	255, 75, 238
Decimal	16731118
CIE Lab	63.73, 83.33, -46.00
CIE LCh	64, 95.184, 331.102
Yxy	32.4652, 0.3369, 0.1848
Android (android.graphics.Color)	4294921198 (0xFFFF4BEE)
YUV	147.4020, 44.6648, 94.3634
Hunter-Lab	56.9782, 85.7129, -47.5605

Details

The Hex color **FF4BEE** 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 **4BFF5C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF8AFF**, and **C200B5** is the 20% darker color. If you saturate the color by 10%, you get **FF32EC**, and if you desaturate by 10%, it is **FF65F0**.

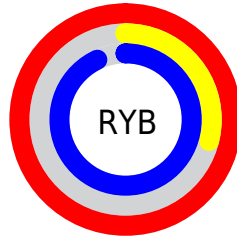
Distribution



Red (100%)

Green (29%)

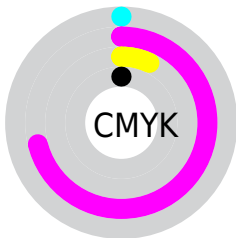
Blue (93%)



Red (100%)

Yellow (29%)

Blue (93%)

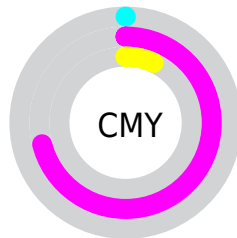


Cyan (0%)

Magenta (71%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (71%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4BEE 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 FF4BEE by changing the saturation by 10% instead.

 FF4BEE

 FF4BEE

FFFFFF

 E023D1

 FF8AFF

 C200B5

 FFA8FF

 A4009A

 FFC6FF

 870080

 FFE5FF

 6A0066

 4E004D

 320036

 0D001F

 000002

 FF4BEE

 FF4BEE

 FF32EC

 FF65F0

 FF18E9

 FF7EF3

 FF00E7

 FF98F5

 FFB1F8

 FFCBFA

 FFE4FC

FFFEFF

FFFFFF

Harmonies

Analogous

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



9182FF



FF4BEE



FF029B

Triad

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



FF4BEE



B89800



00BEF1

Complementary

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



FF4BEE



4BFF5C

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.



00BD9B



FF4BEE



61AE00

Square

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



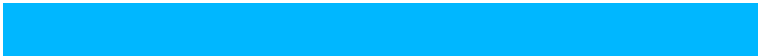
FF4BEE



F97400



00B940



00B7FF

Rectangle

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



FF4BEE



FF2663



00B940



00BED6

Sweetspot

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



FF4BEE



FFC9FA



5A4BFF



80607C



000000



808080

Same Dimension

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



FF4BEE



FF26EB



FF4B96



80737E



BF00AD



40003A

Inverse Universe

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



FF4BEE



FF26EB



4BFFB4



80737E



BF00AD



40003A

Previews

White Background



This preview shows how the Hex color FF4BEE looks on a white background.

Color Contrast Check

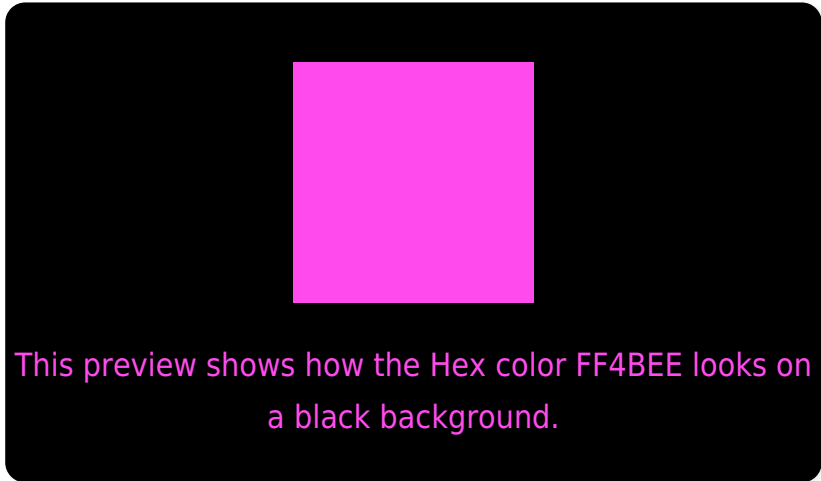
Large Text (above 18pt) WCAG AA × Fail

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 FF4BEE Background



This preview shows how black text looks on a background with the Hex color FF4BEE.



This preview shows how white text looks on a background with the Hex color FF4BEE.

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
F37179

Trichromacy



Original Color
FF4BEE



Protanomaly
A37BF9



Deuteranomaly
AC7DE6



Tritanomaly
F763A4

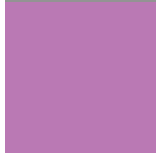
Monochromacy



Original Color
FF4BEE



Achromatopsia
939393



Achromatomaly
BA79B4

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4BEE 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 #FF4BEE looks like.

```
.text, #text, p{  
    color:#FF4BEE  
}
```

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 #FF4BEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4BEE
}
```

Border

The CSS property to change the border of an element to Hex FF4BEE 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
#FF4BEE }
```

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

```
.border{ border-color:#FF4BEE }
```

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

Here you see how a box with a 4 pixel #FF4BEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4BEE; -webkit-box-shadow:4px 4px  
4px 4px #FF4BEE; box-shadow:4px 4px 4px  
4px #FF4BEE }
```

Background

The CSS property to change the background color of an element to Hex FF4BEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4BEE }
```

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

```
.background{ background-color:#FF4BEE }
```

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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