

Converting Colors

Hex(FF4BE2)

Have a look what the booklet for
Hex(FF4BE2) contains.

Hex(FF4BE2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**FF4BE2**)

Conversions

Conversions Part 1

Format	Color
Hex	FF4BE2
RGB	255, 75, 226
RGB Percent	100%, 29%, 89%
CMY	0.0000, 0.7059, 0.1137
CMYK	0.00, 0.71, 0.11, 0.00
HSL	310°, 100%, 65%
HSV	310°, 71%, 100%
XYZ	57.4835, 31.7831, 75.0565
YIQ	146.0340, 58.8090, 85.1210

Conversions

Conversions Part 2

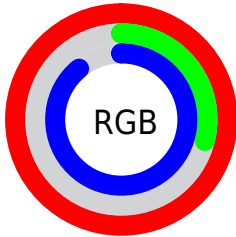
Format	Color
R _Y B	255, 75, 226
Decimal	16731106
CIE _{Lab}	63.16, 81.61, -40.19
CIE _{LCh}	63, 90.972, 333.785
Y _{xy}	31.7831, 0.3498, 0.1934
Android (android.graphics.Color)	4294921186 (0xFFFF4BE2)
YUV	146.0340, 39.4232, 95.5632
Hunter-Lab	56.3765, 83.3461, -39.4718

Details

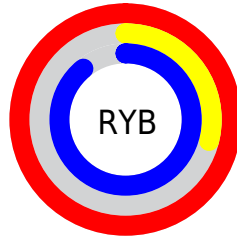
The Hex color **FF4BE2** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **4BFF68**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF8AFF**, and **C200AA** is the 20% darker color. If you saturate the color by 10%, you get **FF32DE**, and if you desaturate by 10%, it is **FF65E6**.

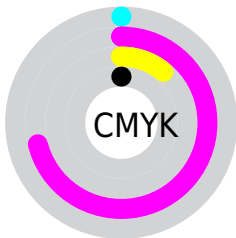
Distribution



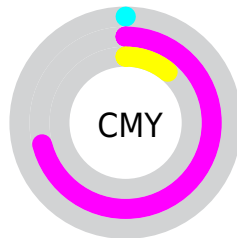
- Red (100%)
- Green (29%)
- Blue (89%)



- Red (100%)
- Yellow (29%)
- Blue (89%)



- Cyan (0%)
- Magenta (71%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4BE2 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 FF4BE2 by changing the saturation by 10% instead.

 FF4BE2

 FF4BE2

FFFFFF

 E023C6

 FF8AFF

 C200AA

 FFA8FF

 A4008F

 FFC6FF

 870075

 FFE4FF

 6A005C

 4E0044

 32002D

 0B0017

 000000

 FF4BE2

 FF4BE2

 FF32DE

 FF65E6

 FF18DA

 FF7EEA

 FF00D6

 FF98EE

 FFB1F2

 FFCBF7

 FFE4FB

FFFEFF

FFFFFF

Harmonies

Analogous

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



9F7EFF



FF4BE2



FF2092

Triad

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



FF4BE2



B09900



00BBF2

Complementary

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



FF4BE2



4BFF68

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.



00BBA1



FF4BE2



59AD00

Square

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



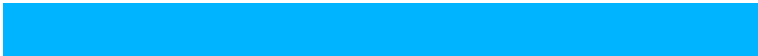
FF4BE2



F07800



00B74B



00B4FF

Rectangle

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



FF4BE2



FF375D



00B74B



00BBD8

Sweetspot

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



FF4BE2



FFC9F6



664BFF



80607A



000000



808080

Same Dimension

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



FF4BE2



FF26DC



FF4B8A



80737D



BF00A0



400035

Inverse Universe

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



FF4BE2



FF26DC



4BFFC0



80737D



BF00A0



400035

Previews

White Background



This preview shows how the Hex color FF4BE2 looks on a white background.

Color Contrast Check

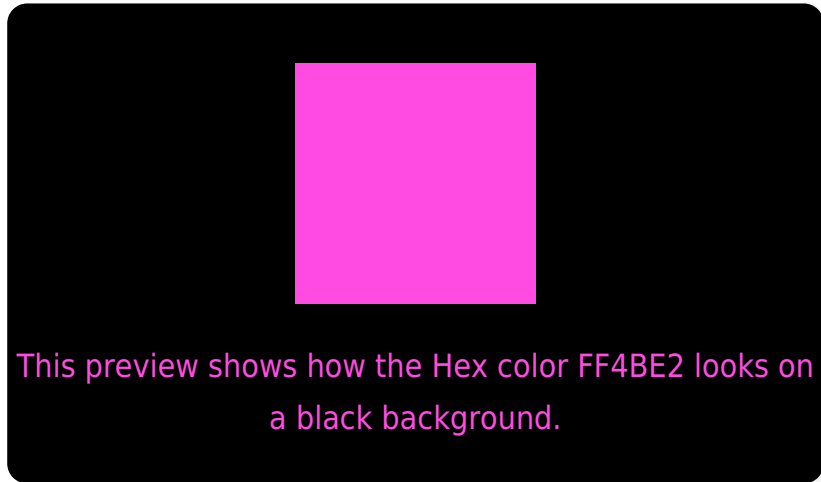
Large Text (above 18pt) WCAG AA × Fail

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 FF4BE2 Background



This preview shows how black text looks on a background with the Hex color FF4BE2.



This preview shows how white text looks on a background with the Hex color FF4BE2.

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
F46D75

Trichromacy



Original Color
FF4BE2



Protanomaly
A17BF4



Deuteranomaly
B07BDB



Tritanomaly
F8619D

Monochromacy



Original Color
FF4BE2



Achromatopsia
929292



Achromatomaly
BA78AF

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4BE2 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 #FF4BE2 looks like.

```
.text, #text, p{  
  color:#FF4BE2  
}
```

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 #FF4BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4BE2
}
```

Border

The CSS property to change the border of an element to Hex FF4BE2 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
#FF4BE2 }
```

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

```
.border{ border-color:#FF4BE2 }
```

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

Here you see how a box with a 4 pixel #FF4BE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4BE2; -webkit-box-shadow:4px 4px  
4px 4px #FF4BE2; box-shadow:4px 4px 4px  
4px #FF4BE2 }
```

Background

The CSS property to change the background color of an element to Hex FF4BE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4BE2 }
```

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

```
.background{ background-color:#FF4BE2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor