

# Converting Colors

Hex(FF4BF8)

Have a look what the booklet for  
Hex(FF4BF8) contains.

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**Color**

**Hex(F4BF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4BF8
RGB	255, 75, 248
RGB Percent	100%, 29%, 97%
CMY	0.0000, 0.7059, 0.0275
CMYK	0.00, 0.71, 0.03, 0.00
HSL	302°, 100%, 65%
HSV	302°, 71%, 100%
XYZ	60.6994, 33.0695, 91.9908
YIQ	148.5420, 51.7470, 91.9630

# Conversions

## Conversions Part 2

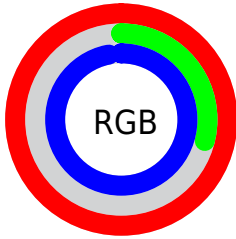
Format	Color
<a href="#">RYB</a>	<a href="#">255, 75, 248</a>
Decimal	<a href="#">16731128</a>
CIELab	<a href="#">64.22, 84.81, -50.77</a>
CIElCh	<a href="#">64, 98.847, 329.097</a>
Yxy	<a href="#">33.0695, 0.3268, 0.1780</a>
Android (android.graphics.Color)	<a href="#">4294921208 (0xFFFF4BF8)</a>
YUV	<a href="#">148.5420, 49.0328, 93.3637</a>
Hunter-Lab	<a href="#">57.5061, 87.7765, -54.5903</a>

# Details

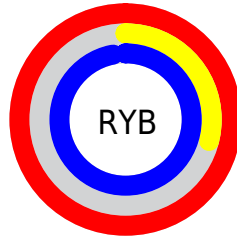
The Hex color **FF4BF8** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **4BFF52**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF8AFF**, and **C200BF** is the 20% darker color. If you saturate the color by 10%, you get **FF32F7**, and if you desaturate by 10%, it is **FF65F9**.

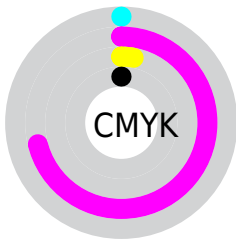
# Distribution



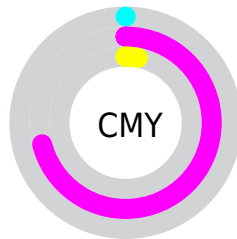
- Red (100%)
- Green (29%)
- Blue (97%)



- Red (100%)
- Yellow (29%)
- Blue (97%)



- Cyan (0%)
- Magenta (71%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4BF8 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 FF4BF8 by changing the saturation by 10% instead.



 FF4BF8

 FF4BF8

FFFFFF

 E022DB

 FF8AFF

 C200BF

 FFA9FF

 A400A3

 FFC7FF

 870088

 FFE5FF

 6A006E

 4E0055

 31003D

 0D0026

 00010F

 FF4BF8

 FF4BF8

 FF32F7

 FF65F9

 FF18F6

 FF7EFA

 FF00F5

 FF98FB

 FFB1FC

 FFCBFD

 FFE4FE

FFFEFF

FFFFFF

# Harmonies

## Analogous

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



8385FF



FF4BF8



FF00A2

# Triad

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



FF4BF8



BF9800



00C0F0

# Complementary

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



FF4BF8



4BFF52

# 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.



00BF96



FF4BF8



66AF00

# Square

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



FF4BF8



FF7000



00BA36



00BAFF

# Rectangle

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



FF4BF8



FF0A68



00BA36



00C0D3



# Sweetspot

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



FF4BF8



FFC9FD



514BFF



80607E



000000



808080



# Same Dimension

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



FF4BF8



FF26F7



FF4B9F



80737F



BF00B8



40003D



# Inverse Universe

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



FF4BF8



FF26F7



4BFFAB



80737F



BF00B8



40003D



# Previews

## White Background



This preview shows how the Hex color FF4BF8 looks on a white background.

## Color Contrast Check

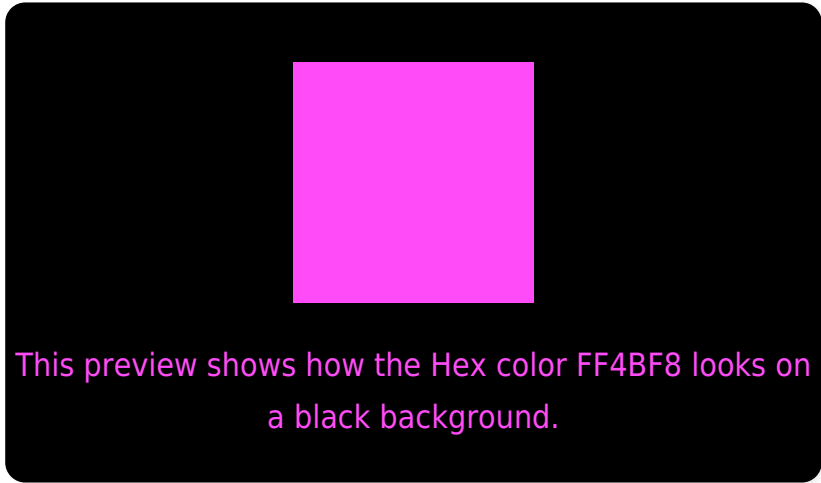
Large Text (above 18pt) WCAG AA × Fail

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 FF4BF8 Background



This preview shows how black text looks on a background with the Hex color FF4BF8.




This preview shows how white text looks on a background with the Hex color FF4BF8.

# 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](#).

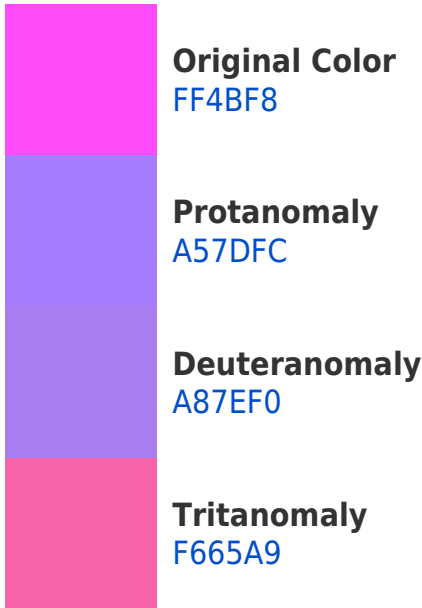
## Dichromacy



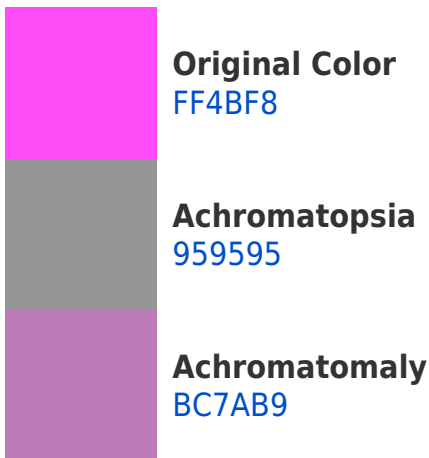


**Tritanopia**  
F1747C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4BF8 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 #FF4BF8 looks like.

```
.text, #text, p{  
    color:#FF4BF8  
}
```

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 #FF4BF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4BF8 }  
}
```

## Border

The CSS property to change the border of an element to Hex FF4BF8 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 #FF4BF8 }  
}
```

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

```
.border{ border-color:#FF4BF8 }
```

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

Here you see how a box with a 4 pixel #FF4BF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4BF8; -webkit-box-shadow:4px 4px  
4px 4px #FF4BF8; box-shadow:4px 4px 4px  
4px #FF4BF8 }
```

# Background

The CSS property to change the background color of an element to Hex FF4BF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4BF8 }
```

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

```
.background{ background-color:#FF4BF8 }
```

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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