

# Converting Colors

Hex(F451BE)

Have a look what the booklet for  
Hex(F451BE) contains.

<b>Hex(F451BE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(F451BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F451BE
RGB	244, 81, 190
RGB Percent	96%, 32%, 75%
CMY	0.0431, 0.6824, 0.2549
CMYK	0.00, 0.67, 0.22, 0.04
HSL	320°, 88%, 64%
HSV	320°, 67%, 96%
XYZ	49.5449, 28.8357, 51.6697
YIQ	142.1630, 62.1590, 68.4550

# Conversions

## Conversions Part 2

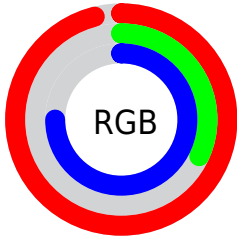
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 81, 190
Decimal	16011710
CIE <sub>Lab</sub>	60.64, 72.07, -23.87
CIE <sub>LCh</sub>	61, 75.919, 341.677
Yxy	28.8357, 0.3810, 0.2217
Android (android.graphics.Color)	4294201790 (0xFFFF451BE)
YUV	142.1630, 23.5836, 89.3110
Hunter-Lab	53.6988, 70.7190, -19.4604

# Details

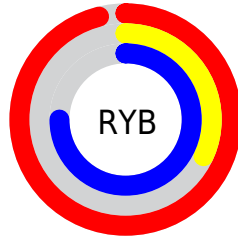
The Hex color **F451BE** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **51F487**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8CF6**, and **B80088** is the 20% darker color. If you saturate the color by 10%, you get **F439B6**, and if you desaturate by 10%, it is **F469C6**.

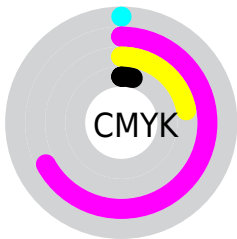
# Distribution



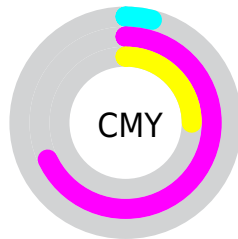
- Red (96%)
- Green (32%)
- Blue (75%)



- Red (96%)
- Yellow (32%)
- Blue (75%)



- Cyan (0%)
- Magenta (67%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (68%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F451BE 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 F451BE by changing the saturation by 10% instead.



 F451BE

 F451BE

FFFFFF

 D62FA3

 FF8CF6

 B80088

 FFAAFF

 9A006F

 FFC7FF

 7D0056

 FFE5FF

 61003F

 470029

 290012

 000000

 F451BE

 F451BE

 F439B6

 F469C6

 F420AE

 F482CE

 F408A6

 F49AD6

 F400A3

 F4B3DE

 F4CBE6

 F4E3EF

 F4FCF7

 F4FFFF

# Harmonies

## Analogous

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



B573F7



F451BE



FF467B

# Triad

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



F451BE



989800



00AEEA

# Complementary

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



F451BE



51F487

# 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.



00B0AC



F451BE



4AA61D

# Square

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



F451BE



D18000



00AE65



00A5FF

# Rectangle

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



F451BE



FF5550



00AE65



00B0D7



# Sweetspot

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



F451BE



FFCCEE



8551F4



806175



000000



808080



# Same Dimension

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



F451BE



FF33BB



F4516F



7A6E76



BA007C



3B0027



# Inverse Universe

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



F451BE



FF33BB



51F4D6



7A6E76



BA007C



3B0027



# Previews

## White Background



This preview shows how the Hex color F451BE looks on a white background.

## Color Contrast Check

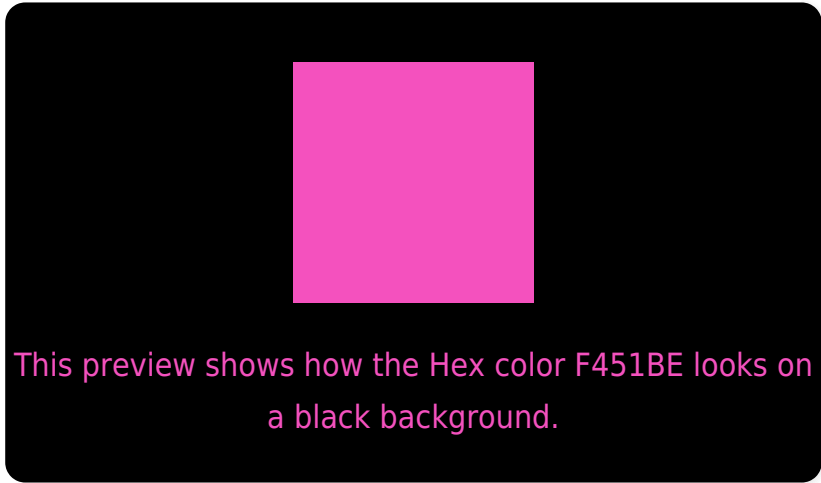
Large Text (above 18pt) WCAG AA ✓ Pass

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 F451BE Background



This preview shows how black text looks on a background with the Hex color F451BE.



This preview shows how white text looks on a background with the Hex color F451BE.

# 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**  
ED676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F451BE 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 #F451BE looks like.

```
.text, #text, p{  
    color:#F451BE  
}
```

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 #F451BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F451BE
}
```

## Border

The CSS property to change the border of an element to Hex F451BE 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
#F451BE }
```

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

```
.border{ border-color:#F451BE }
```

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

Here you see how a box with a 4 pixel #F451BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F451BE; -webkit-box-shadow:4px 4px  
4px 4px #F451BE; box-shadow:4px 4px 4px  
4px #F451BE }
```

# Background

The CSS property to change the background color of an element to Hex F451BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F451BE }
```

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

```
.background{ background-color:#F451BE }
```

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