

Converting Colors

Hex(FB3787)

Have a look what the booklet for
Hex(FB3787) contains.

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Color

Hex(FB3787)

Conversions

Conversions Part 1

Format	Color
Hex	FB3787
RGB	251, 55, 135
RGB Percent	98%, 22%, 53%
CMY	0.0157, 0.7843, 0.4706
CMYK	0.00, 0.78, 0.46, 0.02
HSL	336°, 96%, 60%
HSV	336°, 78%, 98%
XYZ	45.5230, 24.9909, 25.3461
YIQ	122.7240, 91.1360, 66.4320

Conversions

Conversions Part 2

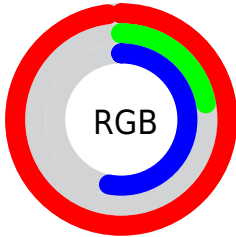
Format	Color
R _Y B	251, 55, 135
Decimal	16463751
CIE Lab	57.07, 76.26, 2.95
CIE LCh	57, 76.317, 2.212
Yxy	24.9909, 0.4749, 0.2607
Android (android.graphics.Color)	4294653831 (0xFFFB3787)
YUV	122.7240, 6.0521, 112.4981
Hunter-Lab	49.9909, 75.0628, 4.9328

Details

The Hex color **FB3787** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **37FBAB**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF78BC**, and **BC0056** is the 20% darker color. If you saturate the color by 10%, you get **FB1E78**, and if you desaturate by 10%, it is **FB5096**.

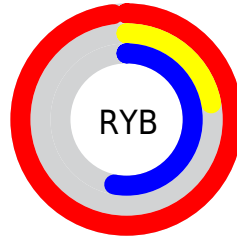
Distribution



Red (98%)

Green (22%)

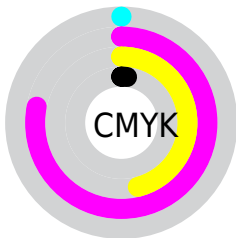
Blue (53%)



Red (98%)

Yellow (22%)

Blue (53%)

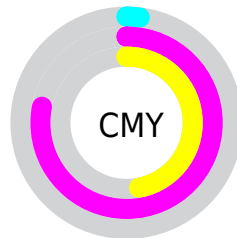


Cyan (0%)

Magenta (78%)

Yellow (46%)

Black (2%)



Cyan (2%)

Magenta (78%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB3787 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 FB3787 by changing the saturation by 10% instead.

 FB3787

 FB3787

FFFFFF

 DB006E

 FF78BC

 BC0056

 FF96D8

 9D003F

 FFB4F4

 7F0029

 FFD2FF

 610015

 FFF1FF

 440003

 220001

 000000

 FB3787

 FB3787

 FB1E78

 FB5096

 FB0569

 FB69A5

 FB0066

 FB82B4

 FB9BC2

 FBB5D1

 FBCEE0

 FBE7EF

 FBFFFE

 FBFFFF

Harmonies

Analogous

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



DB50C8



FB3787



F64B46

Triad

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



FB3787



5D9900



009FFF

Complementary

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



FB3787



37FBAB

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.



00A6CF



FB3787



00A246

Square

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



FB3787



A18800



00A68C



0090FF

Rectangle

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



FB3787



E26219



00A68C



00A2F2

Sweetspot

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



FB3787



FFC4DC



A937FB



805C6A



000000



808080

Same Dimension

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



FB3787



FF0F71



FB4737



7D7076



BD004D



3D0019

Inverse Universe

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



FB3787



FF0F71



37EBFB



7D7076



BD004D



3D0019

Previews

White Background



This preview shows how the Hex color FB3787 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 FB3787 Background



This preview shows how black text looks on a background with the Hex color FB3787.



This preview shows how white text looks on a background with the Hex color FB3787.

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



Original Color
FB3787

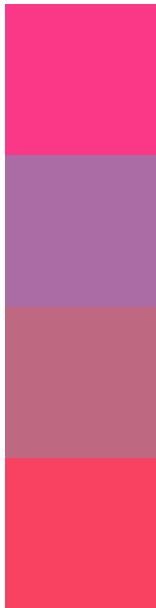
Protanopia
7D88B6

Deuteranopia
9B847D



Tritanopia
F8484B

Trichromacy



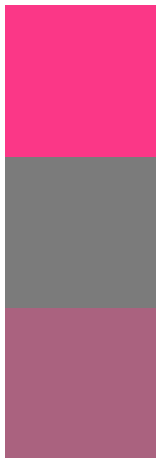
Original Color
FB3787

Protanomaly
AB6BA5

Deuteranomaly
BE6881

Tritanomaly
F94261

Monochromacy



Original Color
FB3787

Achromatopsia
7B7B7B

Achromatomaly
AA627F

CSS Examples

Text

The CSS property to change the color of the text to Hex FB3787 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 #FB3787 looks like.

```
.text, #text, p{  
    color:#FB3787  
}
```

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 #FB3787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB3787
}
```

Border

The CSS property to change the border of an element to Hex FB3787 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
#FB3787 }
```

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

```
.border{ border-color:#FB3787 }
```

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

Here you see how a box with a 4 pixel #FB3787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB3787; -webkit-box-shadow:4px 4px  
4px 4px #FB3787; box-shadow:4px 4px 4px  
4px #FB3787 }
```

Background

The CSS property to change the background color of an element to Hex FB3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB3787 }
```

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

```
.background{ background-color:#FB3787 }
```

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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