

Converting Colors

Hex(FB6AAF)

Have a look what the booklet for
Hex(FB6AAF) contains.

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Color

Hex(FB6AAF)

Conversions

Conversions Part 1

Format	Color
Hex	FB6AAF
RGB	251, 106, 175
RGB Percent	98%, 42%, 69%
CMY	0.0157, 0.5843, 0.3137
CMYK	0.00, 0.58, 0.30, 0.02
HSL	331°, 95%, 70%
HSV	331°, 58%, 98%
XYZ	52.6756, 33.9124, 44.3269
YIQ	157.2210, 64.2710, 52.1990

Conversions

Conversions Part 2

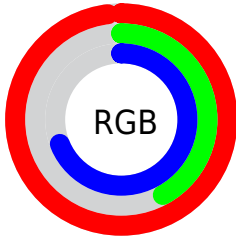
Format	Color
RYB	251, 106, 175
Decimal	16476847
CIELab	64.89, 62.03, -8.76
CIELCh	65, 62.641, 351.963
Yxy	33.9124, 0.4024, 0.2590
Android (android.graphics.Color)	4294666927 (0xFFFB6AAF)
YUV	157.2210, 8.7650, 82.2442
Hunter-Lab	58.2344, 59.5509, -4.3663

Details

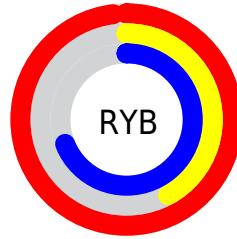
The Hex color **FB6AAF** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **6AFBB6**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFA3E7**, and **BF2F7B** is the 20% darker color. If you saturate the color by 10%, you get **FB51A2**, and if you desaturate by 10%, it is **FB83BC**.

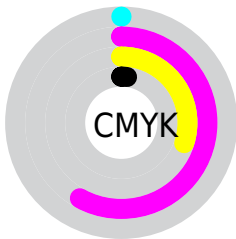
Distribution



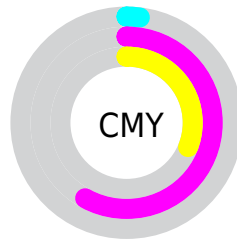
- Red (98%)
- Green (42%)
- Blue (69%)



- Red (98%)
- Yellow (42%)
- Blue (69%)



- Cyan (0%)
- Magenta (58%)
- Yellow (30%)
- Black (2%)



- Cyan (2%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB6AAF 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 FB6AAF by changing the saturation by 10% instead.

 FB6AAF

 FB6AAF

FFFFFF

 DD4D94

 FFA3E7

 BF2F7B

 FFBFFF

 A10062

 FFDFFF

 84004A

 FFFAFF

 680033

 4C001E

 320002

 000000

 FB6AAF

 FB6AAF

 FB51A2

 FB83BC

 FB3895

 FB9CC9

 FB1F88

 FBB5D6

 FB067A

 FBCEE4

 FB0077

 FBE7F1

 FBFFFE

 FBFFFF

Harmonies

Analogous

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



D37DE3



FB6AAF



FF6C77

Triad

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



FB6AAF



93A72A



00B4F5

Complementary

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



FB6AAF



6AFBB6

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.



00B8C6



FB6AAF



4BB255

Square

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



FB6AAF



C79523



00B78C



00A8FF

Rectangle

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



FB6AAF



F87855



00B78C



00B6E7

Sweetspot

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



FB6AAF



FFD4E8



B56AFB



806672



000000



808080

Same Dimension

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



FB6AAF



FF4FA3



FB6C6A



7D7076



BD005A



3D001D

Inverse Universe

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



FB6AAF



FF4FA3



6AF9FB



7D7076



BD005A



3D001D

Previews

White Background



This preview shows how the Hex color FB6AAF looks on a white background.

Color Contrast Check

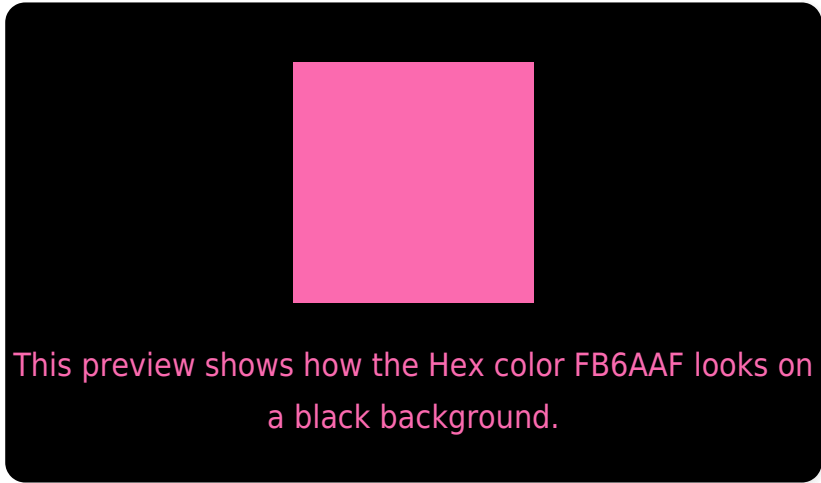
Large Text (above 18pt) WCAG AA × Fail

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 FB6AAF Background



This preview shows how black text looks on a background with the Hex color FB6AAF.



This preview shows how white text looks on a background with the Hex color FB6AAF.

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
F7757D

Trichromacy



Original Color
FB6AAF



Protanomaly
B68AC4



Deuteranomaly
C788AB



Tritanomaly
F8718F

Monochromacy



Original Color
FB6AAF



Achromatopsia
9D9D9D



Achromatomaly
BF8AA4

CSS Examples

Text

The CSS property to change the color of the text to Hex FB6AAF 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 #FB6AAF looks like.

```
.text, #text, p{  
  color:#FB6AAF  
}
```

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 #FB6AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB6AAF
}
```

Border

The CSS property to change the border of an element to Hex FB6AAF 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
#FB6AAF }
```

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

```
.border{ border-color:#FB6AAF }
```

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

Here you see how a box with a 4 pixel #FB6AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB6AAF; -webkit-box-shadow:4px 4px  
4px 4px #FB6AAF; box-shadow:4px 4px 4px  
4px #FB6AAF }
```

Background

The CSS property to change the background color of an element to Hex FB6AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB6AAF }
```

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

```
.background{ background-color:#FB6AAF }
```

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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