

Converting Colors

Hex(FB66B1)

Have a look what the booklet for
Hex(FB66B1) contains.

Hex(FB66B1)	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(FB66B1)

Conversions

Conversions Part 1

Format	Color
Hex	FB66B1
RGB	251, 102, 177
RGB Percent	98%, 40%, 69%
CMY	0.0157, 0.6000, 0.3059
CMYK	0.00, 0.59, 0.29, 0.02
HSL	330°, 95%, 69%
HSV	330°, 59%, 98%
XYZ	52.4708, 33.1863, 45.2350
YIQ	155.1010, 64.7290, 54.9130

Conversions

Conversions Part 2

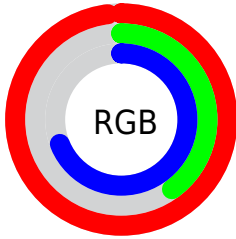
Format	Color
R_{YB}	251, 102, 177
Decimal	16475825
CIE _{Lab}	64.31, 64.00, -10.77
CIE _{LCh}	64, 64.898, 350.451
Yxy	33.1863, 0.4009, 0.2535
Android (android.graphics.Color)	4294665905 (0xFFFB66B1)
YUV	155.1010, 10.7962, 84.1034
Hunter-Lab	57.6075, 61.7704, -6.2309

Details

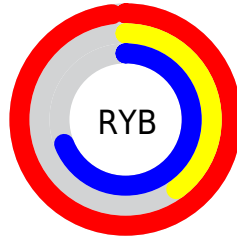
The Hex color **FB66B1** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **66FBB0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF9FE9**, and **BF287C** is the 20% darker color. If you saturate the color by 10%, you get **FB4DA5**, and if you desaturate by 10%, it is **FB7FBD**.

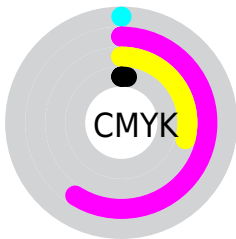
Distribution



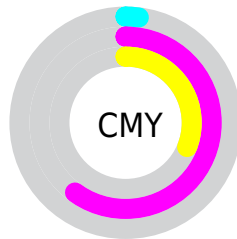
- Red (98%)
- Green (40%)
- Blue (69%)



- Red (98%)
- Yellow (40%)
- Blue (69%)



- Cyan (0%)
- Magenta (59%)
- Yellow (29%)
- Black (2%)



- Cyan (2%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB66B1 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 FB66B1 by changing the saturation by 10% instead.

 FB66B1

 FB66B1

FFFFFF

 DD4996

 FF9FE9

 BF287C

 FFBCFF

 A10064

 FFD9FF

 84004C

 FFF7FF

 680035

 4C0020

 310004

 000000

 FB66B1

 FB66B1

 FB4DA5

 FB7FBD

 FB3498

 FB98CA

 FB1B8C

 FBB1D6

 FB027F

 FBCAE3

 FB007E

 FBE4EF

 FBFDFC

 FBFFFF

Harmonies

Analogous

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



D07BE6



FB66B1



FF6777

Triad

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



FB66B1



93A51F



00B3F4

Complementary

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



FB66B1



66FBB0

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.



00B7C3



FB66B1



49B04D

Square

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



FB66B1



C9931B



00B687



00A8FF

Rectangle

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



FB66B1



FA7353



00B687



00B5E6

Sweetspot

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



FB66B1



FFD1E8



AE66FB



806372



000000



808080

Same Dimension

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



FB66B1



FF4AA5



FB6668



7D7077



BD005F



3D001F

Inverse Universe

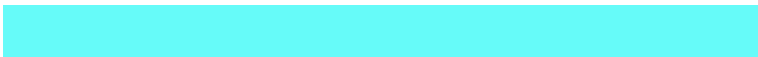
The Inverse Universe completely reimagines the original color for something new.



FB66B1



FF4AA5



66FBF9



7D7077



BD005F



3D001F

Previews

White Background



This preview shows how the Hex color FB66B1 looks on a white background.

Color Contrast Check

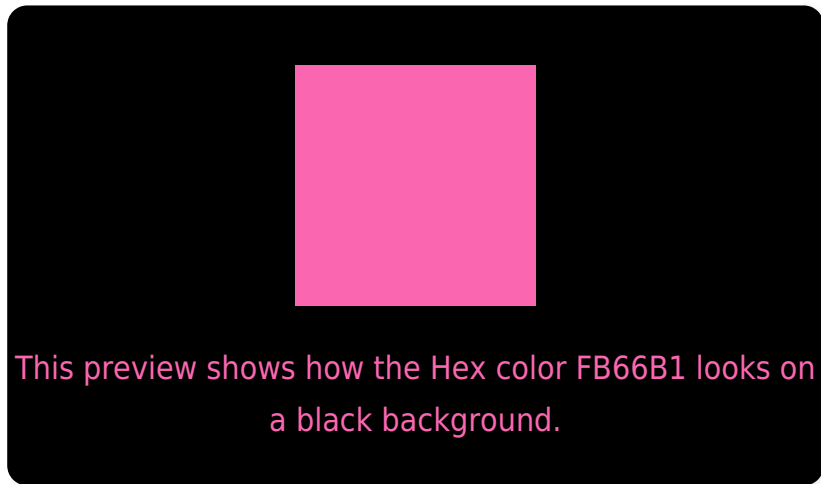
Large Text (above 18pt) WCAG AA × Fail

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 FB66B1 Background



This preview shows how black text looks on a background with the Hex color FB66B1.



This preview shows how white text looks on a background with the Hex color FB66B1.

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
F6727A

Trichromacy



Original Color
FB66B1



Protanomaly
B487C8



Deuteranomaly
C486AC



Tritanomaly
F86E8E

Monochromacy



Original Color
FB66B1



Achromatopsia
9B9B9B



Achromatomaly
BE88A3

CSS Examples

Text

The CSS property to change the color of the text to Hex FB66B1 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 #FB66B1 looks like.

```
.text, #text, p{  
  color:#FB66B1  
}
```

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 #FB66B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB66B1
}
```

Border

The CSS property to change the border of an element to Hex FB66B1 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
#FB66B1 }
```

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

```
.border{ border-color:#FB66B1 }
```

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

Here you see how a box with a 4 pixel #FB66B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB66B1; -webkit-box-shadow:4px 4px  
4px 4px #FB66B1; box-shadow:4px 4px 4px  
4px #FB66B1 }
```

Background

The CSS property to change the background color of an element to Hex FB66B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB66B1 }
```

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

```
.background{ background-color:#FB66B1 }
```

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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