

Converting Colors

Hex(FB57CB)

Have a look what the booklet for
Hex(FB57CB) contains.

Hex(FB57CB)	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(FB57CB)

Conversions

Conversions Part 1

Format	Color
Hex	FB57CB
RGB	251, 87, 203
RGB Percent	98%, 34%, 80%
CMY	0.0157, 0.6588, 0.2039
CMYK	0.00, 0.65, 0.19, 0.02
HSL	318°, 95%, 66%
HSV	318°, 65%, 98%
XYZ	53.9713, 31.6374, 59.7619
YIQ	149.2600, 60.5080, 70.8440

Conversions

Conversions Part 2

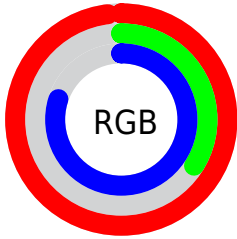
Format	Color
R_{YB}	251, 87, 203
Decimal	16472011
CIE _{Lab}	63.04, 73.34, -27.47
CIE _{LCh}	63, 78.320, 339.466
Yxy	31.6374, 0.3713, 0.2176
Android (android.graphics.Color)	4294662091 (0xFFFB57CB)
YUV	149.2600, 26.4938, 89.2260
Hunter-Lab	56.2471, 72.8453, -23.6219

Details

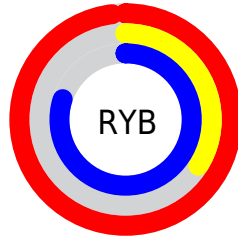
The Hex color **FB57CB** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **57FB87**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF92FF**, and **BF0095** is the 20% darker color. If you saturate the color by 10%, you get **FB3EC4**, and if you desaturate by 10%, it is **FB70D2**.

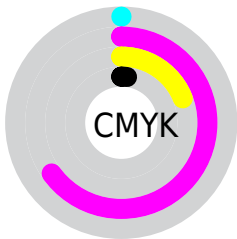
Distribution



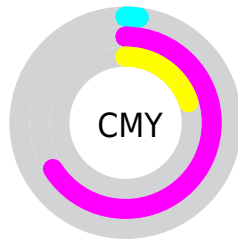
- Red (98%)
- Green (34%)
- Blue (80%)



- Red (98%)
- Yellow (34%)
- Blue (80%)



- Cyan (0%)
- Magenta (65%)
- Yellow (19%)
- Black (2%)



- Cyan (2%)
- Magenta (66%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB57CB 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 FB57CB by changing the saturation by 10% instead.

 FB57CB

 FB57CB

FFFFFF

 DD36AF

 FF92FF

 BF0095

 FFB0FF

 A1007B

 FFCDFE

 840061

 FFE8FF

 680049

 4C0032

 30001D

 010000

 000000

 FB57CB

 FB57CB

 FB3EC4

 FB70D2

 FB25BC

 FB89DA

 FB0CB5

 FBA2E1

 FB00B2

 FBBBE8

 FBD4F0

 FBEEF7

 FBFFFE

 FBFFFF

Harmonies

Analogous

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



B57BFF



FB57CB



FF4986

Triad

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



FB57CB



A39D00



00B6F0

Complementary

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



FB57CB



57FB87

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.



00B8AE



FB57CB



55AC17

Square

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



FB57CB



DD8300



00B565



00ADFF

Rectangle

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



FB57CB



FF5759



00B565



00B7DC

Sweetspot

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



FB57CB



FFCCF0



8557FB



806177



000000



808080

Same Dimension

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



FB57CB



FF38C5



FB577B



7D7079



BD0085



3D002B

Inverse Universe

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



FB57CB



FF38C5



57FBD7



7D7079



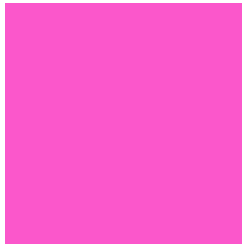
BD0085



3D002B

Previews

White Background



This preview shows how the Hex color FB57CB looks on a white background.

Color Contrast Check

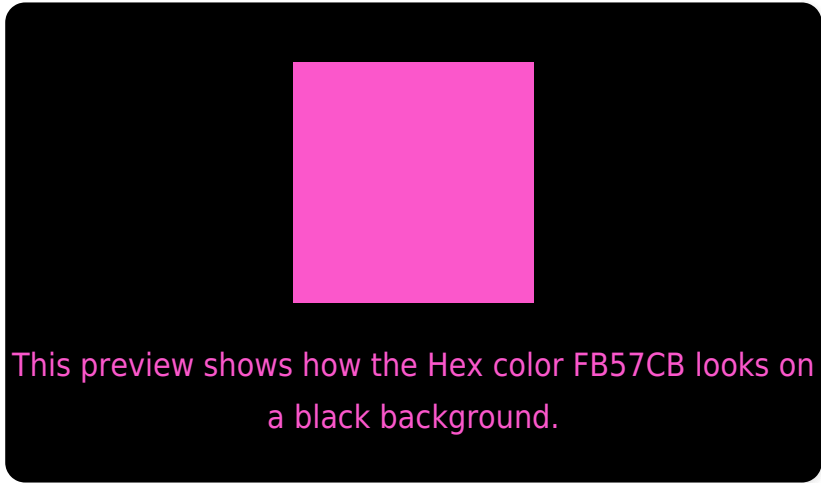
Large Text (above 18pt) WCAG AA × Fail

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 FB57CB Background



This preview shows how black text looks on a background with the Hex color FB57CB.



This preview shows how white text looks on a background with the Hex color FB57CB.

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
F36E76

Trichromacy



Original Color
FB57CB



Protanomaly
A27FEA



Deuteranomaly
B87FC5



Tritanomaly
F66695

Monochromacy



Original Color
FB57CB



Achromatopsia
959595



Achromatomaly
BA7EA9

CSS Examples

Text

The CSS property to change the color of the text to Hex FB57CB 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 #FB57CB looks like.

```
.text, #text, p{  
    color:#FB57CB  
}
```

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 #FB57CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB57CB
}
```

Border

The CSS property to change the border of an element to Hex FB57CB 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
#FB57CB }
```

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

```
.border{ border-color:#FB57CB }
```

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

Here you see how a box with a 4 pixel #FB57CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB57CB; -webkit-box-shadow:4px 4px  
4px 4px #FB57CB; box-shadow:4px 4px 4px  
4px #FB57CB }
```

Background

The CSS property to change the background color of an element to Hex FB57CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB57CB }
```

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

```
.background{ background-color:#FB57CB }
```

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