

Converting Colors

Hex(FC65BD)

Have a look what the booklet for
Hex(FC65BD) contains.

Hex(FC65BD)	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(FC65BD)

Conversions

Conversions Part 1

Format	Color
Hex	FC65BD
RGB	252, 101, 189
RGB Percent	99%, 40%, 74%
CMY	0.0118, 0.6039, 0.2588
CMYK	0.00, 0.60, 0.25, 0.01
HSL	325°, 96%, 69%
HSV	325°, 60%, 99%
XYZ	53.9839, 33.6769, 51.7991
YIQ	156.1810, 61.7480, 59.3800

Conversions

Conversions Part 2

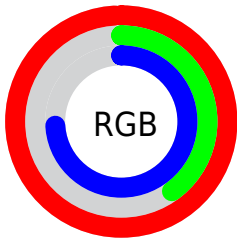
Format	Color
RYB	252, 101, 189
Decimal	16541117
CIELab	64.71, 66.21, -16.98
CIELCh	65, 68.350, 345.614
Yxy	33.6769, 0.3871, 0.2415
Android (android.graphics.Color)	4294731197 (0xFFFC65BD)
YUV	156.1810, 16.1798, 84.0333
Hunter-Lab	58.0318, 64.4932, -12.2999

Details

The Hex color **FC65BD** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **65FCA4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FF9EF5**, and **C02688** is the 20% darker color. If you saturate the color by 10%, you get **FC4CB2**, and if you desaturate by 10%, it is **FC7EC8**.

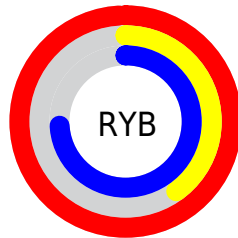
Distribution



Red (99%)

Green (40%)

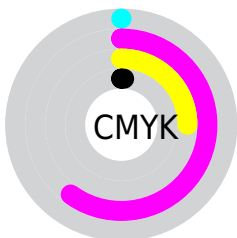
Blue (74%)



Red (99%)

Yellow (40%)

Blue (74%)

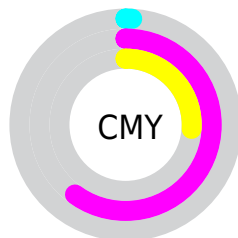


Cyan (0%)

Magenta (60%)

Yellow (25%)

Black (1%)



Cyan (1%)

Magenta (60%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC65BD 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 FC65BD by changing the saturation by 10% instead.

 FC65BD

 FC65BD

FFFFFF

 DE47A2

 FF9EF5

 C02688

 FFBBFF

 A2006E

 FFD9FF

 850056

 FFF6FF

 69003E

 4D0028

 320013

 010000

 000000

 FC65BD

 FC65BD

 FC4CB2

 FC7EC8

 FC33A8

 FC97D2

 FC199D

 FCB1DD

 FC0093

 FCCAE7

 FCE3F2

 FCFCFC

 FCFFFF

Harmonies

Analogous

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



C87EF3



FC65BD



FF6180

Triad

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



FC65BD



9DA40A



00B6F3

Complementary

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



FC65BD



65FCA4

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.



00BABC



FC65BD



54B141

Square

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



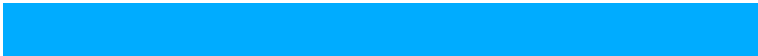
FC65BD



D38F15



00B87C



00ACFF

Rectangle

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



FC65BD



FF6D59



00B87C



00B8E3

Sweetspot

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



FC65BD



FFD1EC



A465FC



806374



000000



808080

Same Dimension

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



FC65BD



FF47B2



FC6572



7D7078



BD006E



3D0024

Inverse Universe

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



FC65BD



FF47B2



65FCEF



7D7078



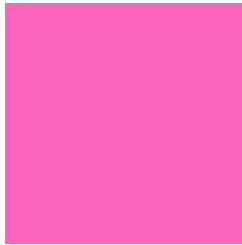
BD006E



3D0024

Previews

White Background



This preview shows how the Hex color FC65BD looks on a white background.

Color Contrast Check

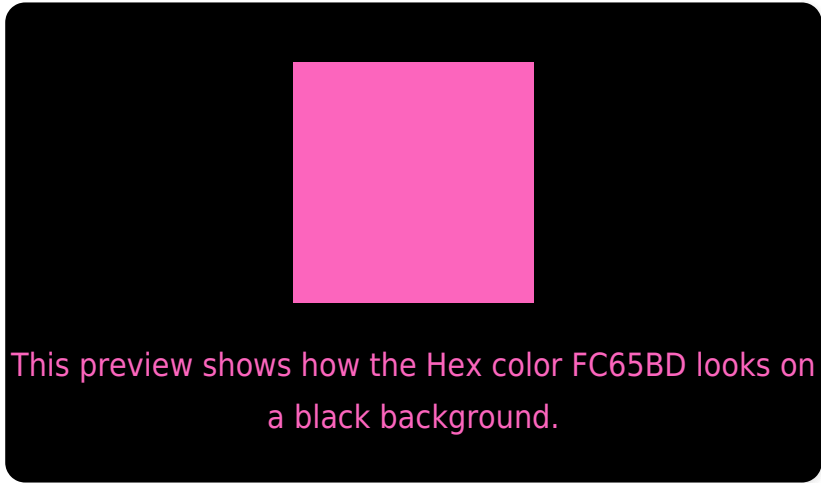
Large Text (above 18pt) WCAG AA × Fail

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 FC65BD Background



This preview shows how black text looks on a background with the Hex color FC65BD.



This preview shows how white text looks on a background with the Hex color FC65BD.

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
F6747C

Trichromacy



Original Color
FC65BD



Protanomaly
B187D6



Deuteranomaly
C286B8



Tritanomaly
F86F94

Monochromacy



Original Color
FC65BD



Achromatopsia
9C9C9C



Achromatomaly
BF88A8

CSS Examples

Text

The CSS property to change the color of the text to Hex FC65BD 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 #FC65BD looks like.

```
.text, #text, p{  
    color:#FC65BD  
}
```

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 #FC65BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC65BD
}
```

Border

The CSS property to change the border of an element to Hex FC65BD 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
#FC65BD }
```

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

```
.border{ border-color:#FC65BD }
```

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

Here you see how a box with a 4 pixel #FC65BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC65BD; -webkit-box-shadow:4px 4px  
4px 4px #FC65BD; box-shadow:4px 4px 4px  
4px #FC65BD }
```

Background

The CSS property to change the background color of an element to Hex FC65BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC65BD }
```

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

```
.background{ background-color:#FC65BD }
```

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