

Converting Colors

Hex(FD3BE9)

Have a look what the booklet for
Hex(FD3BE9) contains.

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Color

Hex(FD3BE9)

Conversions

Conversions Part 1

Format	Color
Hex	FD3BE9
RGB	253, 59, 233
RGB Percent	99%, 23%, 91%
CMY	0.0078, 0.7686, 0.0863
CMYK	0.00, 0.77, 0.08, 0.01
HSL	306°, 98%, 61%
HSV	306°, 77%, 99%
XYZ	56.7800, 29.8938, 79.8682
YIQ	136.8420, 59.7700, 95.2420

Conversions

Conversions Part 2

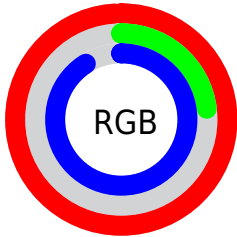
Format	Color
R _Y B	253, 59, 233
Decimal	16595945
CIE Lab	61.56, 86.78, -46.64
CIE LCh	62, 98.523, 331.743
Yxy	29.8938, 0.3409, 0.1795
Android (android.graphics.Color)	4294786025 (0xFFFD3BE9)
YUV	136.8420, 47.4059, 101.8706
Hunter-Lab	54.6752, 89.6899, -48.3368

Details

The Hex color **FD3BE9** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **3BFD4F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF7EFF**, and **C000B1** is the 20% darker color. If you saturate the color by 10%, you get **FD22E6**, and if you desaturate by 10%, it is **FD54EC**.

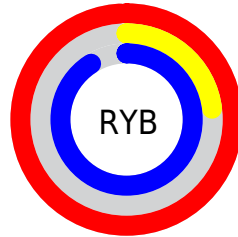
Distribution



Red (99%)

Green (23%)

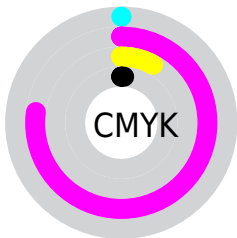
Blue (91%)



Red (99%)

Yellow (23%)

Blue (91%)

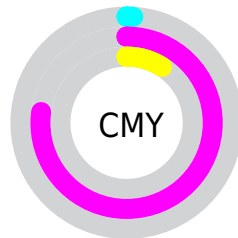


Cyan (0%)

Magenta (77%)

Yellow (8%)

Black (1%)



Cyan (1%)

Magenta (77%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD3BE9 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 FD3BE9 by changing the saturation by 10% instead.

 FD3BE9

 FD3BE9

FFFFFF

 DE00CC

 FF7EFF

 C000B1

 FF9DFF

 A20096

 FFBBFF

 85007B

 FFDAFF

 670062

 FFF9FF

 4C0049

 2E0032

 02001B

 000000

 FD3BE9

 FD3BE9

 FD22E6

 FD54EC

 FD08E4

 FD6EEE

 FD00E3

 FD87F1

 FDA0F3

 FDBAF6

 FDD3F9

 FDECFB

FDFFFE

FDFFFF

Harmonies

Analogous

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



8C7AFF



FD3BE9



FF0094

Triad

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



FD3BE9



B09300



00B8EF

Complementary

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



FD3BE9



3BFD4F

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.



00B898



FD3BE9



53A900

Square

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



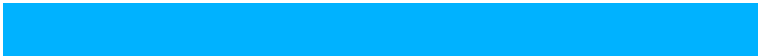
FD3BE9



F36D00



00B339



00B2FF

Rectangle

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



FD3BE9



FF005B



00B339



00B9D3

Sweetspot

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



FD3BE9



FFC4F9



4E3BFD



805C7C



000000



808080

Same Dimension

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



FD3BE9



FF14E7



FD3B89



80737E



BF00AC



400039

Inverse Universe

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



FD3BE9



FF14E7



3BFDAF



80737E



BF00AC



400039

Previews

White Background



This preview shows how the Hex color FD3BE9 looks on a white background.

Color Contrast Check

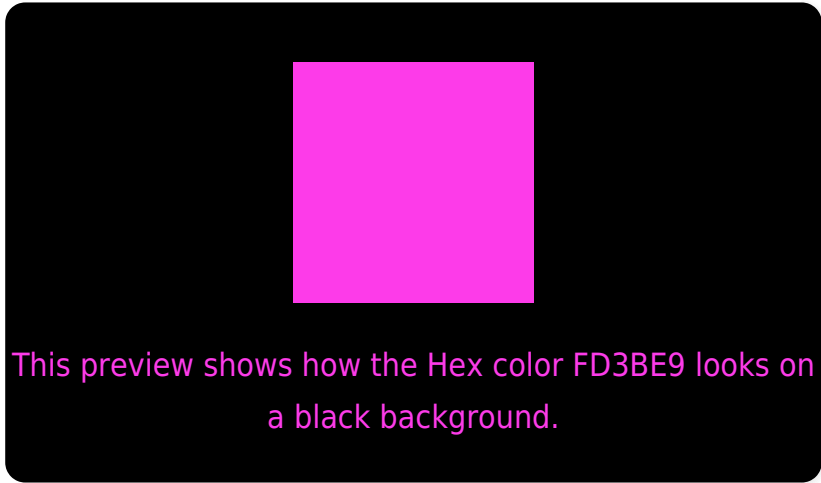
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD3BE9 Background



This preview shows how black text looks on a background with the Hex color FD3BE9.




This preview shows how white text looks on a background with the Hex color FD3BE9.

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
F1686F

Trichromacy



Original Color
FD3BE9



Protanomaly
9B72F7



Deuteranomaly
A674E1



Tritanomaly
F5589B

Monochromacy



Original Color
FD3BE9



Achromatopsia
898989



Achromatomaly
B36DAC

CSS Examples

Text

The CSS property to change the color of the text to Hex FD3BE9 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 #FD3BE9 looks like.

```
.text, #text, p{  
  color:#FD3BE9  
}
```

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 #FD3BE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD3BE9
}
```

Border

The CSS property to change the border of an element to Hex FD3BE9 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
#FD3BE9 }
```

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

```
.border{ border-color:#FD3BE9 }
```

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

Here you see how a box with a 4 pixel #FD3BE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD3BE9; -webkit-box-shadow:4px 4px  
4px 4px #FD3BE9; box-shadow:4px 4px 4px  
4px #FD3BE9 }
```

Background

The CSS property to change the background color of an element to Hex FD3BE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD3BE9 }
```

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

```
.background{ background-color:#FD3BE9 }
```

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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