

Converting Colors

Hex(FF3BDD)

Have a look what the booklet for
Hex(FF3BDD) contains.

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Color

Hex(FF3BDD)

Conversions

Conversions Part 1

Format	Color
Hex	FF3BDD
RGB	255, 59, 221
RGB Percent	100%, 23%, 87%
CMY	0.0000, 0.7686, 0.1333
CMYK	0.00, 0.77, 0.13, 0.00
HSL	310°, 100%, 62%
HSV	310°, 77%, 100%
XYZ	55.8551, 29.6084, 71.1777
YIQ	136.0720, 64.8140, 91.9340

Conversions

Conversions Part 2

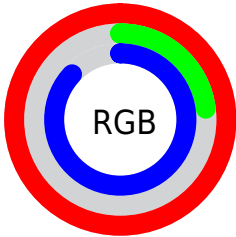
Format	Color
RYB	255, 59, 221
Decimal	16727005
CIELab	61.31, 85.55, -40.28
CIELCh	61, 94.557, 334.790
Yxy	29.6084, 0.3566, 0.1890
Android (android.graphics.Color)	4294917085 (0xFFFF3BDD)
YUV	136.0720, 41.8695, 104.2999
Hunter-Lab	54.4136, 88.0050, -39.4670

Details

The Hex color **FF3BDD** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **3BFF5D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF7EFF**, and **C200A5** is the 20% darker color. If you saturate the color by 10%, you get **FF21D9**, and if you desaturate by 10%, it is **FF55E1**.

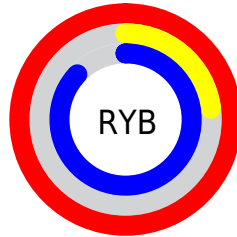
Distribution



Red (100%)

Green (23%)

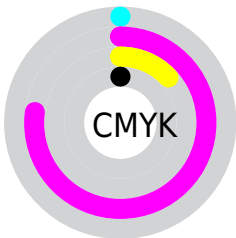
Blue (87%)



Red (100%)

Yellow (23%)

Blue (87%)

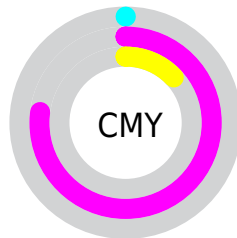


Cyan (0%)

Magenta (77%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3BDD 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 FF3BDD by changing the saturation by 10% instead.

 FF3BDD

 FF3BDD

FFFFFF

 E000C1

 FF7EFF

 C200A5

 FF9DFF

 A4008B

 FFBBFF

 860071

 FFDAFF

 690058

 FFF8FF

 4E0040

 300029

 040012

 000000

 FF3BDD

 FF3BDD

 FF21D9

 FF55E1

 FF08D4

 FF6EE6

 FF00D3

 FF88EA

 FFA1EF

 FFBBF3

 FFD4F8

 FFEFC

FFFFFF

Harmonies

Analogous

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



9D76FF



FF3BDD



FF008B

Triad

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



FF3BDD



A89500



00B6F2

Complementary

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



FF3BDD



3BFF5D

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.



00B7A0



FF3BDD



4BA900

Square

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



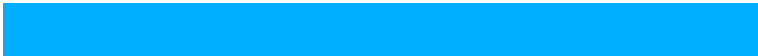
FF3BDD



EA7300



00B246



00AFFF

Rectangle

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



FF3BDD



FF2454



00B246



00B7D8

Sweetspot

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



FF3BDD



FFC4F5



5C3BFF



805C79



000000



808080

Same Dimension

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



FF3BDD



FF14D6



FF3B7C



80737D



BF009E



400035

Inverse Universe

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



FF3BDD



FF14D6



3BFFBE



80737D



BF009E



400035

Previews

White Background



This preview shows how the Hex color FF3BDD looks on a white background.

Color Contrast Check

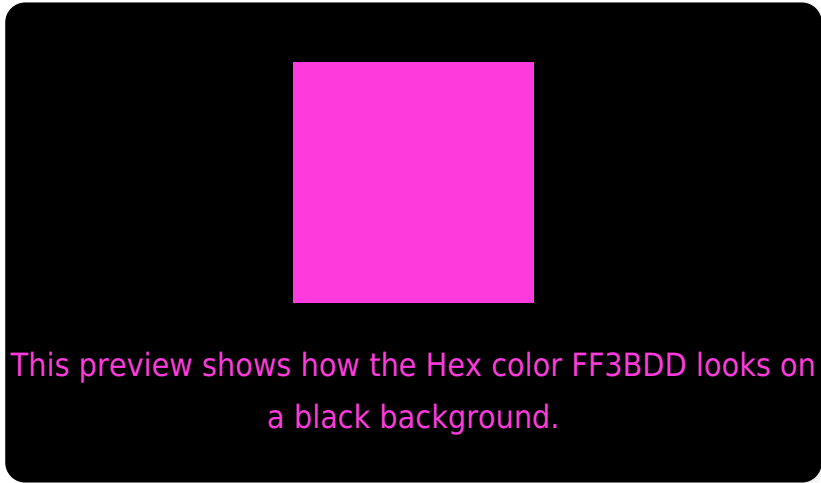
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3BDD Background



This preview shows how black text looks on a background with the Hex color FF3BDD.

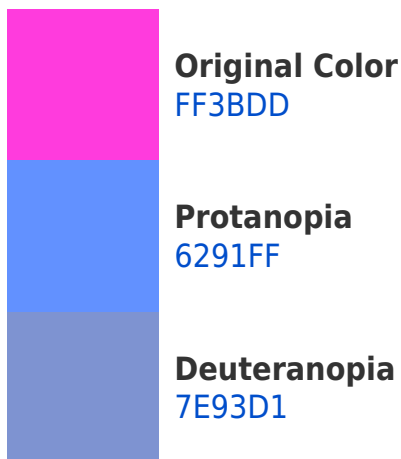


This preview shows how white text looks on a background with the Hex color FF3BDD.

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](#).

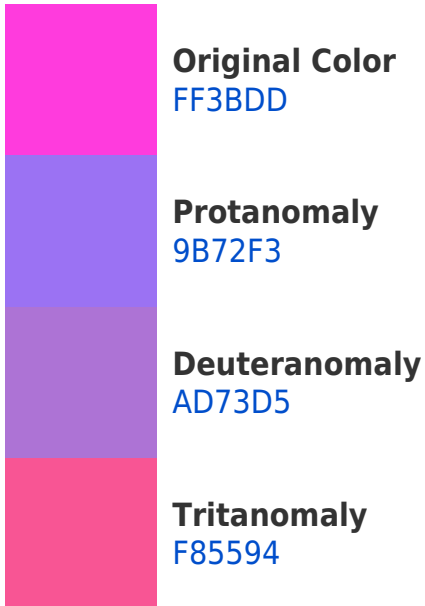
Dichromacy





Tritanopia
F4646A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF3BDD 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 #FF3BDD looks like.

```
.text, #text, p{  
    color:#FF3BDD  
}
```

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 #FF3BDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3BDD
}
```

Border

The CSS property to change the border of an element to Hex FF3BDD 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
#FF3BDD }
```

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

```
.border{ border-color:#FF3BDD }
```

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

Here you see how a box with a 4 pixel #FF3BDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3BDD; -webkit-box-shadow:4px 4px  
4px 4px #FF3BDD; box-shadow:4px 4px 4px  
4px #FF3BDD }
```

Background

The CSS property to change the background color of an element to Hex FF3BDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3BDD }
```

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

```
.background{ background-color:#FF3BDD }
```

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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