

Converting Colors

Hex(FF6BD9)

Have a look what the booklet for
Hex(FF6BD9) contains.

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Color

Hex(F66BD9)

Conversions

Conversions Part 1

Format	Color
Hex	FF6BD9
RGB	255, 107, 217
RGB Percent	100%, 42%, 85%
CMY	0.0000, 0.5804, 0.1490
CMYK	0.00, 0.58, 0.15, 0.00
HSL	315°, 100%, 71%
HSV	315°, 58%, 100%
XYZ	59.0221, 36.7851, 69.6351
YIQ	163.7920, 52.8980, 65.5860

Conversions

Conversions Part 2

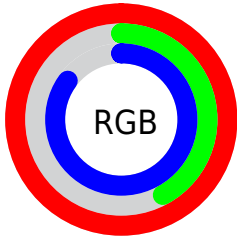
Format	Color
RYB	255, 107, 217
Decimal	16739289
CIELab	67.12, 68.32, -29.01
CIELCh	67, 74.223, 336.992
Yxy	36.7851, 0.3568, 0.2223
Android (android.graphics.Color)	4294929369 (0xFFFF6BD9)
YUV	163.7920, 26.2315, 79.9894
Hunter-Lab	60.6508, 67.5678, -25.6172

Details

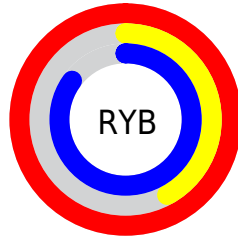
The Hex color **FF6BD9** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6BFF91**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFA5FF**, and **C32DA2** is the 20% darker color. If you saturate the color by 10%, you get **FF52D2**, and if you desaturate by 10%, it is **FF85E0**.

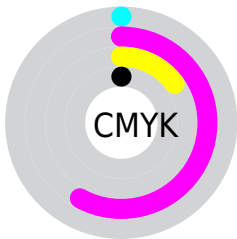
Distribution



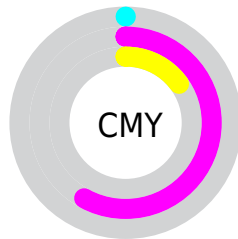
- Red (100%)
- Green (42%)
- Blue (85%)



- Red (100%)
- Yellow (42%)
- Blue (85%)



- Cyan (0%)
- Magenta (58%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6BD9 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 FF6BD9 by changing the saturation by 10% instead.

 FF6BD9

 FF6BD9

FFFFFF

 E14EBD

 FFA5FF

 C32DA2

 FFC2FF

 A60087

 FFDFFF

 89006E

 FFFDFF

 6D0055

 51003D

 370027

 150010

 000000

■ FF6BD9

■ FF6BD9

■ FF52D2

■ FF85E0

■ FF38CC

■ FF9EE6

■ FF1FC5

■ FFB8ED

■ FF05BF

■ FFD1F3

■ FF00BE

■ FFEBFA

FFFFFF

Harmonies

Analogous

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



B88AFF



FF6BD9



FF5D97

Triad

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



FF6BD9



B5A500



00C1F2

Complementary

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



FF6BD9



6BFF91

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.



00C2B2



FF6BD9



6DB62A

Square

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



FF6BD9



EC8D1A



00BF6C



00B8FF

Rectangle

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



FF6BD9



FF676B



00BF6C



00C2DE

Sweetspot

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



FF6BD9



FFD4F4



906BFF



806679



000000



808080

Same Dimension

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



FF6BD9



FF4DD1



FF6B90



80737C



BF008E



40002F

Inverse Universe

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



FF6BD9



FF4DD1



6BFFDA



80737C



BF008E



40002F

Previews

White Background



This preview shows how the Hex color FF6BD9 looks on a white background.

Color Contrast Check

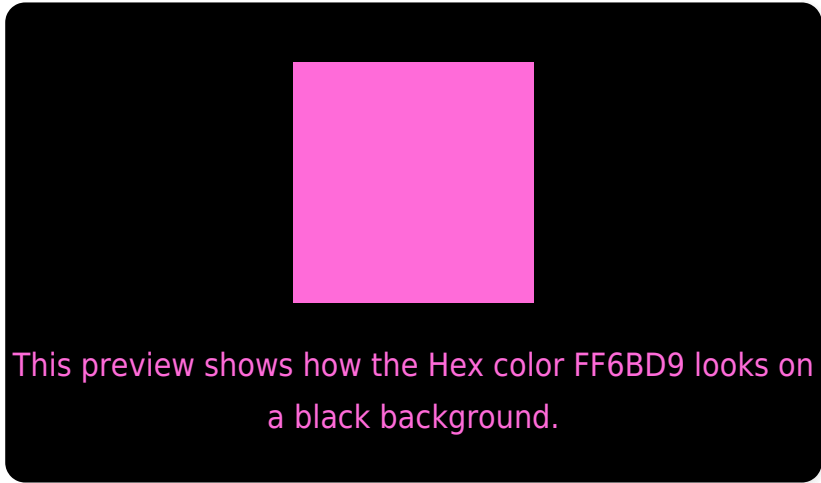
Large Text (above 18pt) WCAG AA × Fail

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

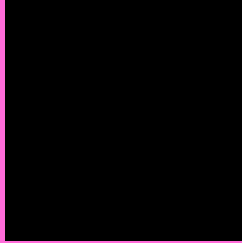
Any Text WCAG AA ✓ Pass

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 FF6BD9 Background



This preview shows how black text looks on a background with the Hex color FF6BD9.

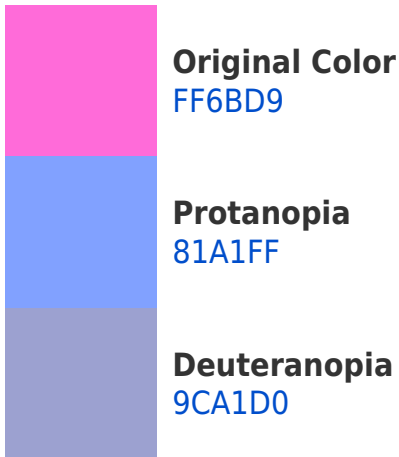


This preview shows how white text looks on a background with the Hex color FF6BD9.

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



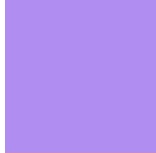


Tritanopia
F77F88

Trichromacy



Original Color
FF6BD9



Protanomaly
AF8DF1



Deuteranomaly
C08DD3



Tritanomaly
FA78A5

Monochromacy



Original Color
FF6BD9



Achromatopsia
A4A4A4



Achromatomaly
C58FB7

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6BD9 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 #FF6BD9 looks like.

```
.text, #text, p{  
    color:#FF6BD9  
}
```

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 #FF6BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6BD9
}
```

Border

The CSS property to change the border of an element to Hex FF6BD9 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
#FF6BD9 }
```

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

```
.border{ border-color:#FF6BD9 }
```

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

Here you see how a box with a 4 pixel #FF6BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6BD9; -webkit-box-shadow:4px 4px  
4px 4px #FF6BD9; box-shadow:4px 4px 4px  
4px #FF6BD9 }
```

Background

The CSS property to change the background color of an element to Hex FF6BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6BD9 }
```

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

```
.background{ background-color:#FF6BD9 }
```

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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