

Converting Colors

Hex(FF6FB5)

Have a look what the booklet for
Hex(FF6FB5) contains.

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Color

Hex(F6FB5)

Conversions

Conversions Part 1

Format	Color
Hex	FF6FB5
RGB	255, 111, 181
RGB Percent	100%, 44%, 71%
CMY	0.0000, 0.5647, 0.2902
CMYK	0.00, 0.56, 0.29, 0.00
HSL	331°, 100%, 72%
HSV	331°, 56%, 100%
XYZ	55.2649, 35.9651, 47.7452
YIQ	162.0360, 63.3540, 52.2980

Conversions

Conversions Part 2

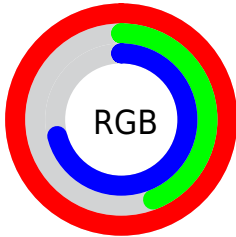
Format	Color
R_{YB}	255, 111, 181
Decimal	16740277
CIE Lab	66.49, 61.75, -9.72
CIE LCh	66, 62.510, 351.059
Yxy	35.9651, 0.3977, 0.2588
Android (android.graphics.Color)	4294930357 (0xFFFF6FB5)
YUV	162.0360, 9.3493, 81.5294
Hunter-Lab	59.9709, 59.5439, -5.2235

Details

The Hex color **FF6FB5** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **6FFFB9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFA8ED**, and **C33580** is the 20% darker color. If you saturate the color by 10%, you get **FF56A8**, and if you desaturate by 10%, it is **FF89C2**.

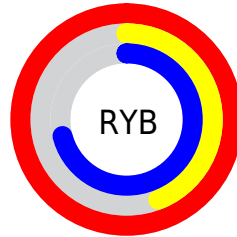
Distribution



Red (100%)

Green (44%)

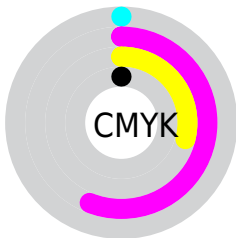
Blue (71%)



Red (100%)

Yellow (44%)

Blue (71%)

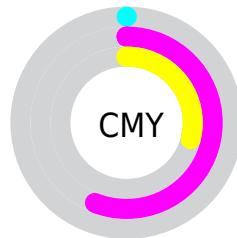


Cyan (0%)

Magenta (56%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Hex color FF6FB5 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 FF6FB5 by changing the saturation by 10% instead.

 FF6FB5

 FF6FB5

FFFFFF

 E1539A

 FFA8ED

 C33580

 FFC4FF

 A50B67

 FFE2FF

 88004F

 6C0038

 500023

 36000B

 090000

 000000

 FF6FB5

 FF6FB5

 FF56A8

 FF89C2

 FF3C9B

 FFA2CF

 FF228E

 FFBCDC

 FF0981

 FFD5E9

 FF007C

 FFEFF7

FFFFFF

Harmonies

Analogous

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



D582E9



FF6FB5



FF707D

Triad

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



FF6FB5



99AB2E



00B8F8

Complementary

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



FF6FB5



6FFFB9

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.



00BDC8



FF6FB5



53B657

Square

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



FF6FB5



CD9929



00BC8E



00ADFF

Rectangle

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



FF6FB5



FD7B5A



00BC8E



00BAEA

Sweetspot

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



FF6FB5



FFD4E9



B76FFF



806672



000000



808080

Same Dimension

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



FF6FB5



FF52A6



FF6F6F



807379



BF005D



40001F

Inverse Universe

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



FF6FB5



FF52A6



6FFFFFF



807379



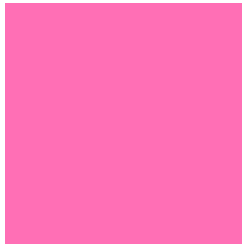
BF005D



40001F

Previews

White Background



This preview shows how the Hex color FF6FB5 looks on a white background.

Color Contrast Check

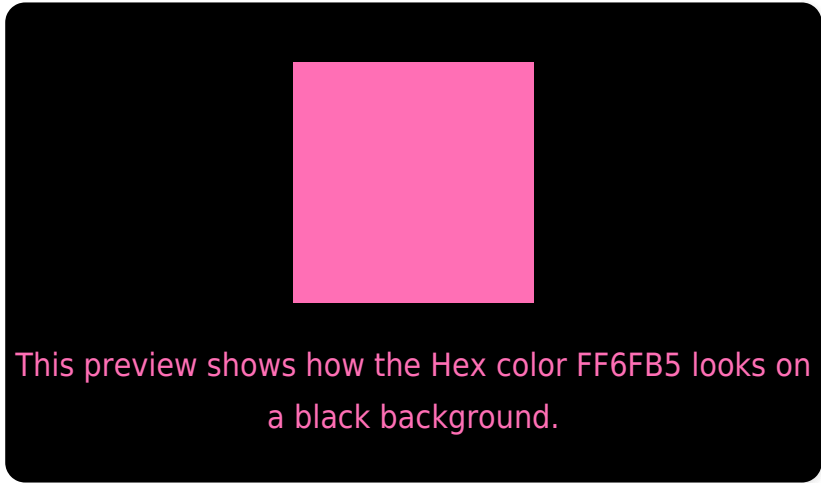
Large Text (above 18pt) WCAG AA × Fail

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 FF6FB5 Background



This preview shows how black text looks on a background with the Hex color FF6FB5.

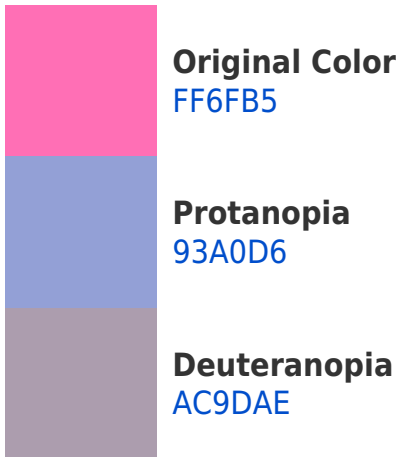



This preview shows how white text looks on a background with the Hex color FF6FB5.

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
FB7A82

Trichromacy



Original Color
FF6FB5



Protanomaly
BA8ECA



Deuteranomaly
CA8CB1



Tritanomaly
FC7695

Monochromacy



Original Color
FF6FB5



Achromatopsia
A2A2A2



Achromatomaly
C48FA9

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6FB5 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 #FF6FB5 looks like.

```
.text, #text, p{  
    color:#FF6FB5  
}
```

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 #FF6FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6FB5  
}
```

Border

The CSS property to change the border of an element to Hex FF6FB5 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  
#FF6FB5 }
```

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

```
.border{ border-color:#FF6FB5 }
```

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

Here you see how a box with a 4 pixel #FF6FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6FB5; -webkit-box-shadow:4px 4px  
4px 4px #FF6FB5; box-shadow:4px 4px 4px  
4px #FF6FB5 }
```

Background

The CSS property to change the background color of an element to Hex FF6FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6FB5 }
```

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

```
.background{ background-color:#FF6FB5 }
```

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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