

Converting Colors

Hex(FF6AD5)

Have a look what the booklet for
Hex(FF6AD5) contains.

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Color

Hex(FF6AD5)

Conversions

Conversions Part 1

Format	Color
Hex	FF6AD5
RGB	255, 106, 213
RGB Percent	100%, 42%, 84%
CMY	0.0000, 0.5843, 0.1647
CMYK	0.00, 0.58, 0.16, 0.00
HSL	317°, 100%, 71%
HSV	317°, 58%, 100%
XYZ	58.4043, 36.3722, 66.8931
YIQ	162.7490, 54.4570, 64.8650

Conversions

Conversions Part 2

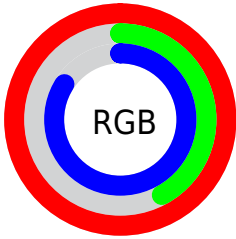
Format	Color
R _Y B	255, 106, 213
Decimal	16739029
CIE Lab	66.80, 68.17, -27.26
CIE LCh	67, 73.418, 338.207
Yxy	36.3722, 0.3613, 0.2250
Android (android.graphics.Color)	4294929109 (0xFFFF6AD5)
YUV	162.7490, 24.7737, 80.9041
Hunter-Lab	60.3093, 67.3202, -23.5459

Details

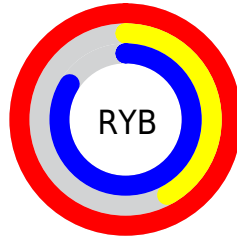
The Hex color **FF6AD5** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6AFF94**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFA4FF**, and **C32C9E** is the 20% darker color. If you saturate the color by 10%, you get **FF51CE**, and if you desaturate by 10%, it is **FF84DC**.

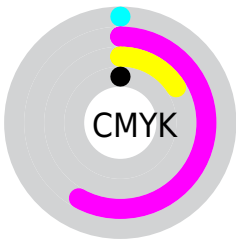
Distribution



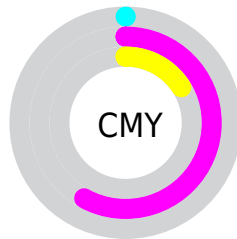
- Red (100%)
- Green (42%)
- Blue (84%)



- Red (100%)
- Yellow (42%)
- Blue (84%)



- Cyan (0%)
- Magenta (58%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6AD5 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 FF6AD5 by changing the saturation by 10% instead.

 FF6AD5

 FF6AD5

FFFFFF

 E14DB9

 FFA4FF

 C32C9E

 FFC1FF

 A60084

 FFDEFF

 89006A

 FFFCFF

 6D0052

 51003A

 370024

 15000B

 000000

 FF6AD5

 FF6AD5

 FF51CE

 FF84DC

 FF37C7

 FF9DE3

 FF1EBF

 FFB7EB

 FF04B8

 FFD0F2

 FF00B7

 FFEAF9

FFFFFF

Harmonies

Analogous

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



BB88FF



FF6AD5



FF5E93

Triad

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



FF6AD5



B1A500



00BFF3

Complementary

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



FF6AD5



6AFF94

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.



00C1B3



FF6AD5



6AB52E

Square

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



FF6AD5



E88D19



00BE6F



00B7FF

Rectangle

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



FF6AD5



FF6868



00BE6F



00C0DF

Sweetspot

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



FF6AD5



FFD1F2



926AFF



806378



000000



808080

Same Dimension

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



FF6AD5



FF4DCD



FF6A8D



80737C



BF0089



40002E

Inverse Universe

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



FF6AD5



FF4DCD



6AFFDC



80737C



BF0089



40002E

Previews

White Background



This preview shows how the Hex color FF6AD5 looks on a white background.

Color Contrast Check

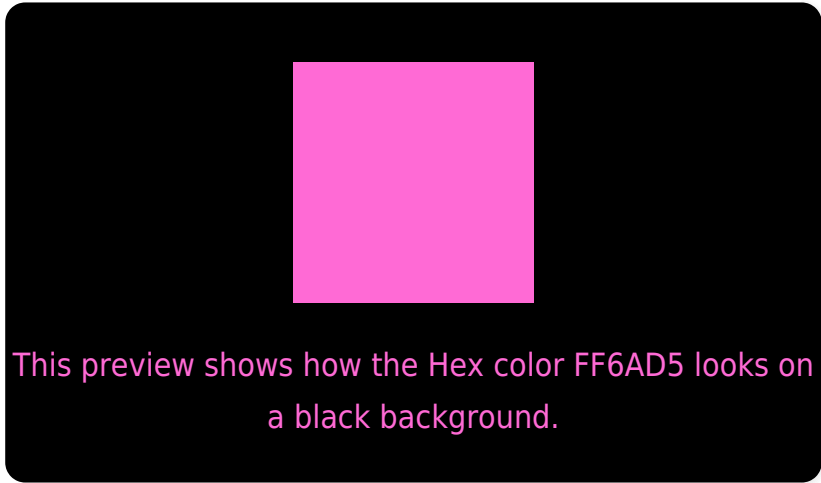
Large Text (above 18pt) WCAG AA × Fail

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 FF6AD5 Background



This preview shows how black text looks on a background with the Hex color FF6AD5.

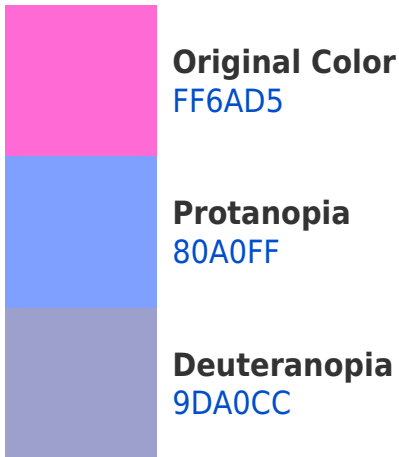


This preview shows how white text looks on a background with the Hex color FF6AD5.

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



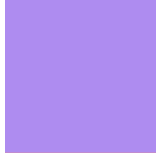


Tritanopia
F77D86

Trichromacy



Original Color
FF6AD5



Protanomaly
AE8CF0



Deuteranomaly
C18CCF



Tritanomaly
FA76A3

Monochromacy



Original Color
FF6AD5



Achromatopsia
A3A3A3



Achromatomaly
C48EB5

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6AD5 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 #FF6AD5 looks like.

```
.text, #text, p{  
    color:#FF6AD5  
}
```

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 #FF6AD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6AD5
}
```

Border

The CSS property to change the border of an element to Hex FF6AD5 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
#FF6AD5 }
```

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

```
.border{ border-color:#FF6AD5 }
```

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

Here you see how a box with a 4 pixel #FF6AD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6AD5; -webkit-box-shadow:4px 4px  
4px 4px #FF6AD5; box-shadow:4px 4px 4px  
4px #FF6AD5 }
```

Background

The CSS property to change the background color of an element to Hex FF6AD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6AD5 }
```

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

```
.background{ background-color:#FF6AD5 }
```

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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