

# Converting Colors

Hex(FF6EA9)

Have a look what the booklet for  
Hex(FF6EA9) contains.

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# **Color**

**Hex(F66EA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6EA9
RGB	255, 110, 169
RGB Percent	100%, 43%, 66%
CMY	0.0000, 0.5686, 0.3373
CMYK	0.00, 0.57, 0.34, 0.00
HSL	336°, 100%, 72%
HSV	336°, 57%, 100%
XYZ	53.9774, 35.2764, 41.5002
YIQ	160.0810, 67.4810, 49.0890

# Conversions

## Conversions Part 2

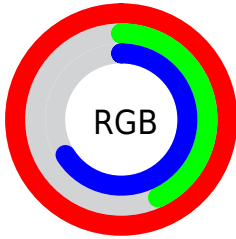
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 110, 169
Decimal	16740009
CIE <sub>Lab</sub>	65.96, 60.77, -3.69
CIE <sub>LCh</sub>	66, 60.880, 356.523
Yxy	35.2764, 0.4128, 0.2698
Android (android.graphics.Color)	4294930089 (0xFFFF6EA9)
YUV	160.0810, 4.3971, 83.2440
Hunter-Lab	59.3940, 58.2817, 0.1482

# Details

The Hex color **FF6EA9** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **6EFFC4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFA7E0**, and **C23475** is the 20% darker color. If you saturate the color by 10%, you get **FF559A**, and if you desaturate by 10%, it is **FF88B8**.

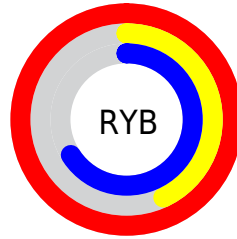
# Distribution



Red (100%)

Green (43%)

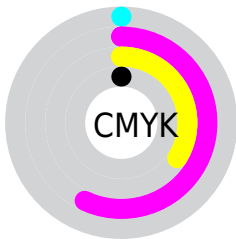
Blue (66%)



Red (100%)

Yellow (43%)

Blue (66%)

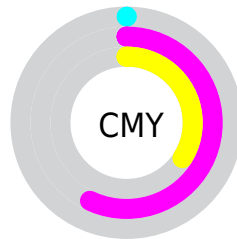


Cyan (0%)

Magenta (57%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6EA9 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 FF6EA9 by changing the saturation by 10% instead.



 FF6EA9

 FF6EA9

FFFFFF

 E1528F

 FFA7E0

 C23475

 FFC3FD

 A50A5C

 FFE1FF

 880045

FFFEFF

 6B002F

 4F001A

 340002

 010000

 000000

■ FF6EA9

■ FF6EA9

■ FF559A

■ FF88B8

■ FF3B8B

■ FFA1C7

■ FF217C

■ FFBBD6

■ FF086D

■ FFD4E5

■ FF0068

■ FFEEF5

FFFFFF

# Harmonies

## Analogous

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



DD7DDD



FF6EA9



FF7373

# Triad

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



FF6EA9



8DAC36



00B5FB

# Complementary

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



FF6EA9



6EFFC4

# 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.



00BAD0



FF6EA9



42B561

# Square

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



FF6EA9



C39B29



00BA98



00A8FF

# Rectangle

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



FF6EA9



F57F53



00BA98



00B7EE



# Sweetspot

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



FF6EA9



FFD4E5



C36EFF



806670



000000



808080



# Same Dimension

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



FF6EA9



FF5298



FF7A6E



807378



BF004E



40001A



# Inverse Universe

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



FF6EA9



FF5298



6EF3FF



807378



BF004E



40001A



# Previews

## White Background



This preview shows how the Hex color FF6EA9 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 FF6EA9 Background



This preview shows how black text looks on a background with the Hex color FF6EA9.

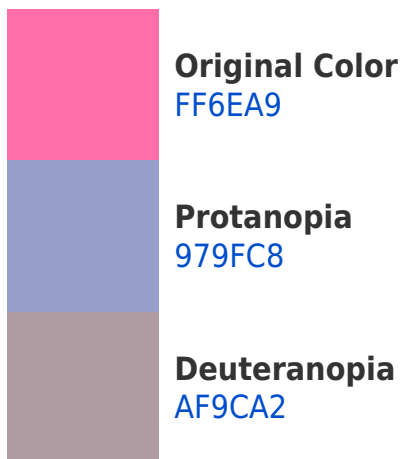



This preview shows how white text looks on a background with the Hex color FF6EA9.

# 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](#).

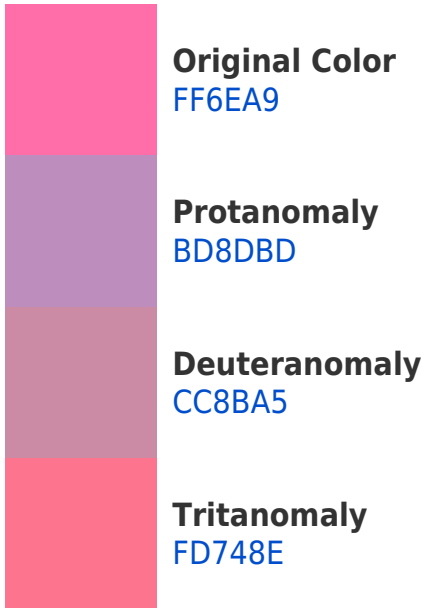
## Dichromacy



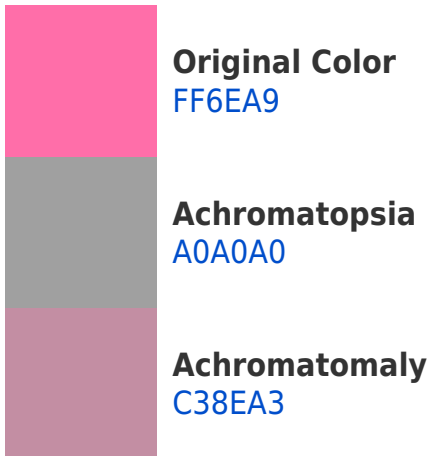


**Tritanopia**  
FC777F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6EA9 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 #FF6EA9 looks like.

```
.text, #text, p{  
    color:#FF6EA9  
}
```

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 #FF6EA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6EA9
}
```

## Border

The CSS property to change the border of an element to Hex FF6EA9 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
#FF6EA9 }
```

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

```
.border{ border-color:#FF6EA9 }
```

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

Here you see how a box with a 4 pixel #FF6EA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6EA9; -webkit-box-shadow:4px 4px  
4px 4px #FF6EA9; box-shadow:4px 4px 4px  
4px #FF6EA9 }
```

# Background

The CSS property to change the background color of an element to Hex FF6EA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6EA9 }
```

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

```
.background{ background-color:#FF6EA9 }
```

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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