

# Converting Colors

Hex(FF4A8B)

Have a look what the booklet for  
Hex(FF4A8B) contains.

<b>Hex(FF4A8B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F4A8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4A8B
RGB	255, 74, 139
RGB Percent	100%, 29%, 55%
CMY	0.0000, 0.7098, 0.4549
CMYK	0.00, 0.71, 0.45, 0.00
HSL	338°, 100%, 65%
HSV	338°, 71%, 100%
XYZ	48.3490, 28.0216, 27.2865
YIQ	135.5290, 87.0110, 58.5870

# Conversions

## Conversions Part 2

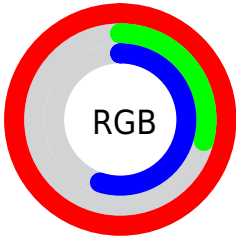
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 74, 139
Decimal	16730763
CIE <sub>Lab</sub>	59.91, 71.94, 4.78
CIE <sub>LCh</sub>	60, 72.103, 3.803
Yxy	28.0216, 0.4664, 0.2703
Android (android.graphics.Color)	4294920843 (0xFFFF4A8B)
YUV	135.5290, 1.7112, 104.7761
Hunter-Lab	52.9355, 70.3971, 6.4927

# Details

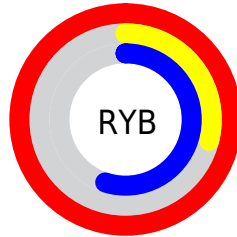
The Hex color **FF4A8B** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **4AFFBE**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF87C0**, and **C10059** is the 20% darker color. If you saturate the color by 10%, you get **FF317B**, and if you desaturate by 10%, it is **FF649B**.

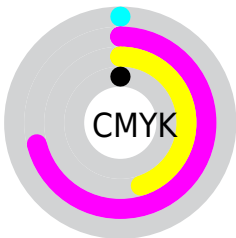
# Distribution



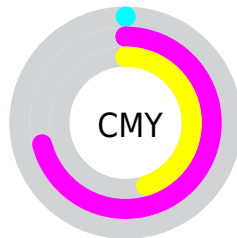
- Red (100%)
- Green (29%)
- Blue (55%)



- Red (100%)
- Yellow (29%)
- Blue (55%)



- Cyan (0%)
- Magenta (71%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4A8B 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 FF4A8B by changing the saturation by 10% instead.



 FF4A8B

 FF4A8B

FFFFFF

 E02572

 FF87C0

 C10059

 FFA4DC

 A20042

 FFC2F9

 84002C

 FFE0FF

 650019

FFFEFF

 4A0004

 290001

 000000

 FF4A8B

 FF4A8B

■ FF317B

■ FF649B

■ FF176A

■ FF7DAC

■ FF005C

■ FF97BC

■ FFB0CC

■ FFCADD

■ FFE3ED

■ FFFDFD

FFFFFF

# Harmonies

## Analogous

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



E25CCA



FF4A8B



F95A4D

# Triad

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



FF4A8B



64A00E



00A5FF

# Complementary

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



FF4A8B



4AFFBE

# 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.



00ACD6



FF4A8B



00A955

# Square

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



FF4A8B



A69000



00AD97



0096FF

# Rectangle

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



FF4A8B



E66E26



00AD97



00A8F6



# Sweetspot

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



FF4A8B



FFC9DD



BD4AFF



80606B



000000



808080



# Same Dimension

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



FF4A8B



FF2674



FF624A



807377



BF0045



400017



# Inverse Universe

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



FF4A8B



FF2674



4AE7FF



807377



BF0045



400017



# Previews

## White Background



This preview shows how the Hex color FF4A8B looks on a white background.

## Color Contrast Check

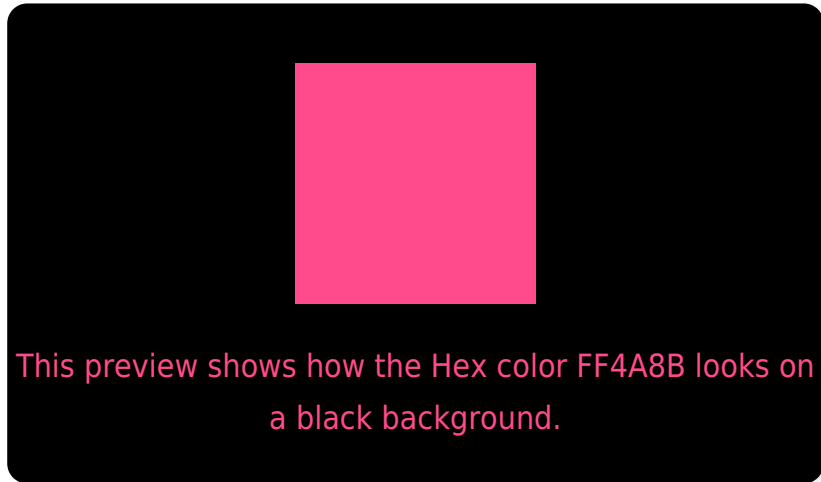
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4A8B Background



This preview shows how black text looks on a background with the Hex color FF4A8B.



This preview shows how white text looks on a background with the Hex color FF4A8B.

# 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





# Trichromacy



**Original Color**  
FF4A8B



**Protanomaly**  
B376A4



**Deuteranomaly**  
C57385

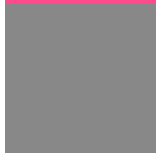


**Tritanomaly**  
FD516C

# Monochromacy



**Original Color**  
FF4A8B



**Achromatopsia**  
888888



**Achromatomaly**  
B37189

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4A8B 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 #FF4A8B looks like.

```
.text, #text, p{  
  color:#FF4A8B  
}
```

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 #FF4A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4A8B
}
```

## Border

The CSS property to change the border of an element to Hex FF4A8B 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
#FF4A8B }
```

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

```
.border{ border-color:#FF4A8B }
```

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

Here you see how a box with a 4 pixel #FF4A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4A8B; -webkit-box-shadow:4px 4px  
4px 4px #FF4A8B; box-shadow:4px 4px 4px  
4px #FF4A8B }
```

# Background

The CSS property to change the background color of an element to Hex FF4A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4A8B }
```

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

```
.background{ background-color:#FF4A8B }
```

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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