

# Converting Colors

Hex(FF48A4)

Have a look what the booklet for  
Hex(FF48A4) contains.

<b>Hex(FF48A4)</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(**FF48A4**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF48A4
RGB	255, 72, 164
RGB Percent	100%, 28%, 64%
CMY	0.0000, 0.7176, 0.3569
CMYK	0.00, 0.72, 0.36, 0.00
HSL	330°, 100%, 64%
HSV	330°, 72%, 100%
XYZ	50.2582, 28.5751, 37.9886
YIQ	137.2050, 79.5360, 67.4080

# Conversions

## Conversions Part 2

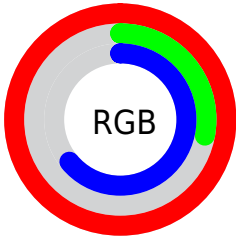
Format	Color
<a href="#">RYB</a>	<a href="#">255, 72, 164</a>
Decimal	<a href="#">16730276</a>
CIELab	<a href="#">60.40, 74.99, -9.06</a>
CIElCh	<a href="#">60, 75.536, 353.107</a>
Yxy	<a href="#">28.5751, 0.4302, 0.2446</a>
Android (android.graphics.Color)	<a href="#">4294920356 (0xFFFF48A4)</a>
YUV	<a href="#">137.2050, 13.2099, 103.3062</a>
Hunter-Lab	<a href="#">53.4557, 74.2756, -4.7159</a>

# Details

The Hex color **FF48A4** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **48FFA3**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF86DB**, and **C10070** is the 20% darker color. If you saturate the color by 10%, you get **FF2F97**, and if you desaturate by 10%, it is **FF62B1**.

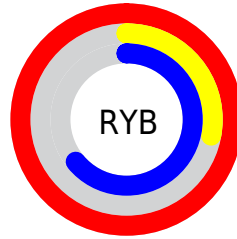
# Distribution



Red (100%)

Green (28%)

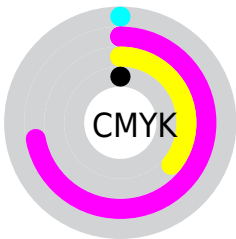
Blue (64%)



Red (100%)

Yellow (28%)

Blue (64%)

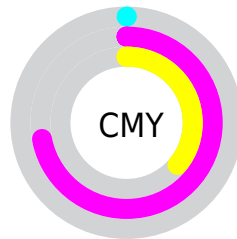


Cyan (0%)

Magenta (72%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (72%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF48A4 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 FF48A4 by changing the saturation by 10% instead.



 FF48A4

 FF48A4

FFFFFF

 E0218A

 FF86DB

 C10070

 FFA3F7

 A30058

 FFC1FF

 850041

 FFDFFF

 67002B

 FFFDFD

 4C0017

 2D0002

 000000

 FF48A4

 FF48A4

 FF2F97

 FF62B1

 FF158B

 FF7BBD

 FF0080

 FF94CA

 FFAED7

 FFC8E3

 FFE1F0

 FFFBFD

FFFFFF

# Harmonies

## Analogous

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



D265E3



FF48A4



FF4D62

# Triad

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



FF48A4



7E9D00



00ABFC

# Complementary

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



FF48A4



48FFA3

# 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.



00AFC4



FF48A4



00A93A

# Square

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



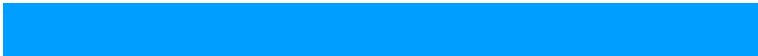
FF48A4



BC8900



00AE80



009EFF

# Rectangle

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



FF48A4



F76138



00AE80



00ADEC



# Sweetspot

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



FF48A4



FFC7E3



A048FF



805E6F



000000



808080



# Same Dimension

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



FF48A4



FF2492



FF484B



807379



BF0060



400020



# Inverse Universe

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



FF48A4



FF2492



48FFFC



807379



BF0060



400020



# Previews

## White Background



This preview shows how the Hex color FF48A4 looks on a white background.

## Color Contrast Check

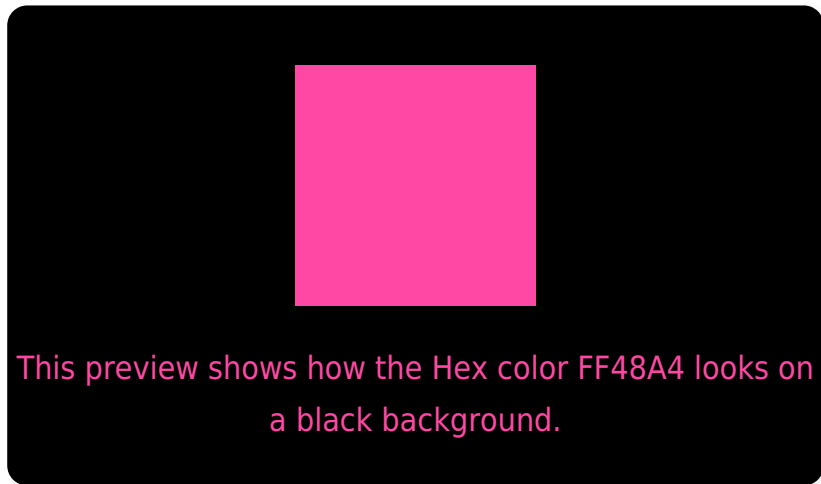
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF48A4 Background



This preview shows how black text looks on a background with the Hex color FF48A4.



This preview shows how white text looks on a background with the Hex color FF48A4.

# 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**  
FA5A5F

# Trichromacy



**Original Color**  
FF48A4



**Protanomaly**  
AC76C3



**Deuteranomaly**  
C0759E



**Tritanomaly**  
FC5378

# Monochromacy



**Original Color**  
FF48A4



**Achromatopsia**  
898989



**Achromatomaly**  
B47193

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF48A4 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 #FF48A4 looks like.

```
.text, #text, p{  
  color:#FF48A4  
}
```

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 #FF48A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF48A4
}
```

## Border

The CSS property to change the border of an element to Hex FF48A4 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
#FF48A4 }
```

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

```
.border{ border-color:#FF48A4 }
```

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

Here you see how a box with a 4 pixel #FF48A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF48A4; -webkit-box-shadow:4px 4px  
4px 4px #FF48A4; box-shadow:4px 4px 4px  
4px #FF48A4 }
```

# Background

The CSS property to change the background color of an element to Hex FF48A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF48A4 }
```

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

```
.background{ background-color:#FF48A4 }
```

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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