

# Converting Colors

Hex(FF84A3)

Have a look what the booklet for  
Hex(FF84A3) contains.

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# **Color**

**Hex(F84A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF84A3
RGB	255, 132, 163
RGB Percent	100%, 52%, 64%
CMY	0.0000, 0.4824, 0.3608
CMYK	0.00, 0.48, 0.36, 0.00
HSL	345°, 100%, 76%
HSV	345°, 48%, 100%
XYZ	56.1021, 40.4069, 39.4927
YIQ	172.3110, 63.3570, 35.7170

# Conversions

## Conversions Part 2

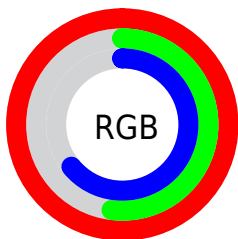
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 132, 163
Decimal	16745635
CIE Lab	69.76, 49.77, 5.23
CIE LCh	70, 50.047, 5.996
Yxy	40.4069, 0.4125, 0.2971
Android (android.graphics.Color)	4294935715 (0xFFFF84A3)
YUV	172.3110, -4.5903, 72.5183
Hunter-Lab	63.5664, 46.2985, 7.6606

# Details

The Hex color **FF84A3** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **84FFE0**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFBCDA**, and **C34E6F** is the 20% darker color. If you saturate the color by 10%, you get **FF6B90**, and if you desaturate by 10%, it is **FF9EB6**.

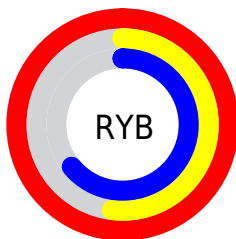
# Distribution



Red (100%)

Green (52%)

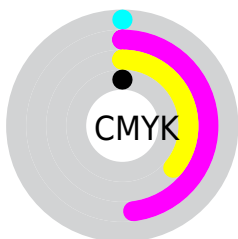
Blue (64%)



Red (100%)

Yellow (52%)

Blue (64%)

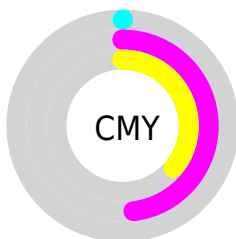


Cyan (0%)

Magenta (48%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF84A3 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 FF84A3 by changing the saturation by 10% instead.



 FF84A3

 FF84A3

FFFFFF

 E16989

 FFBCDA

 C34E6F

 FFD8F6

 A63357

 FFF5FF

 891340

 6D002A

 510016

 380002

 0E0000

 000000

 FF84A3

 FF84A3

 FF6B90

 FF9EB6

 FF517D

 FFB7C9

 FF386A

 FFD1DC

 FF1E57

 FFEAEF

 FF0544

FFFFFF

 FF0040

# Harmonies

## Analogous

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



EA8BD0



FF84A3



FB8B77

# Triad

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



FF84A3



8DB75E



00B9FD

# Complementary

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



FF84A3



84FFE0

# 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.



00CODE



FF84A3



4EBF84

# Square

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



FF84A3



BDAB4D



00C2B2



6DACFF

# Rectangle

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



FF84A3



ED9560



00C2B2



00BCF5



# Sweetspot

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



FF84A3



FFDBE4



DE84FF



806A6F



000000



808080



# Same Dimension

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



FF84A3



FF6B90



FFA184



807376



BF0030



400010



# Inverse Universe

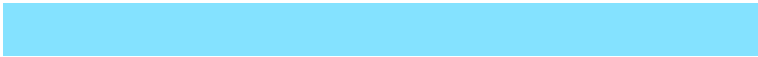
The Inverse Universe completely reimagines the original color for something new.



FF84A3



FF6B90



84E2FF



807376



BF0030

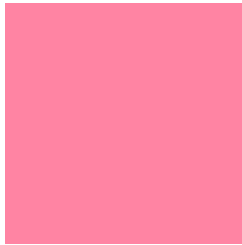


400010



# Previews

## White Background



This preview shows how the Hex color FF84A3 looks on a white background.

## Color Contrast Check

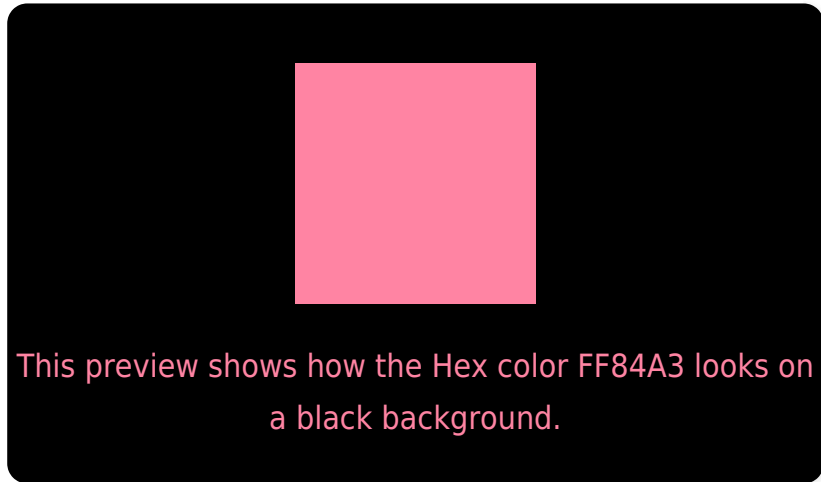
Large Text (above 18pt) WCAG AA × Fail

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 FF84A3 Background



This preview shows how black text looks on a background with the Hex color FF84A3.

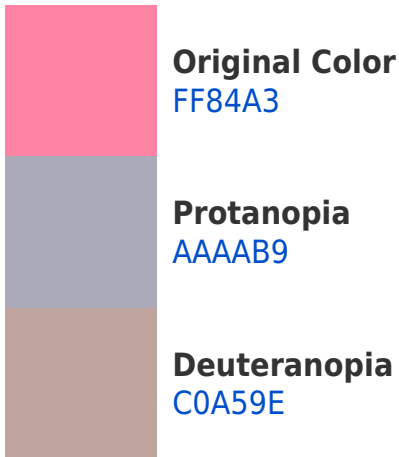



This preview shows how white text looks on a background with the Hex color FF84A3.

# 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**  
FD8791

# Trichromacy



**Original Color**  
FF84A3



**Protanomaly**  
C99CB1



**Deuteranomaly**  
D799A0



**Tritanomaly**  
FE8698

# Monochromacy



**Original Color**  
FF84A3



**Achromatopsia**  
ACACAC



**Achromatomaly**  
CA9DA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF84A3 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 #FF84A3 looks like.

```
.text, #text, p{  
    color:#FF84A3  
}
```

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 #FF84A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF84A3
}
```

## Border

The CSS property to change the border of an element to Hex FF84A3 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
#FF84A3 }
```

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

```
.border{ border-color:#FF84A3 }
```

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

Here you see how a box with a 4 pixel #FF84A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF84A3; -webkit-box-shadow:4px 4px  
4px 4px #FF84A3; box-shadow:4px 4px 4px  
4px #FF84A3 }
```

# Background

The CSS property to change the background color of an element to Hex FF84A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF84A3 }
```

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

```
.background{ background-color:#FF84A3 }
```

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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