

# Converting Colors

Hex(FD84AE)

Have a look what the booklet for  
Hex(FD84AE) contains.

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# **Color**

**Hex(FD84AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD84AE
RGB	253, 132, 174
RGB Percent	99%, 52%, 68%
CMY	0.0078, 0.4824, 0.3176
CMYK	0.00, 0.48, 0.31, 0.01
HSL	339°, 97%, 75%
HSV	339°, 48%, 99%
XYZ	56.3993, 40.4412, 44.8778
YIQ	172.9670, 58.6340, 38.7140

# Conversions

## Conversions Part 2

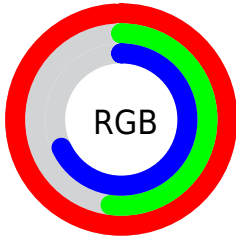
Format	Color
R <sub>Y</sub> B	253, 132, 174
Decimal	16614574
CIE Lab	69.78, 50.41, -0.94
CIE LCh	70, 50.416, 358.933
Yxy	40.4412, 0.3980, 0.2854
Android (android.graphics.Color)	4294804654 (0xFFFD84AE)
YUV	172.9670, 0.5093, 70.1889
Hunter-Lab	63.5934, 47.0185, 2.6745

# Details

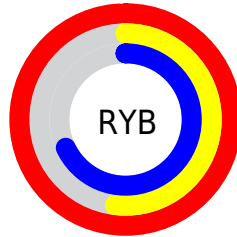
The Hex color **FD84AE** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84FDD3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFBCE5**, and **C14E7A** is the 20% darker color. If you saturate the color by 10%, you get **FD6B9D**, and if you desaturate by 10%, it is **FD9DBF**.

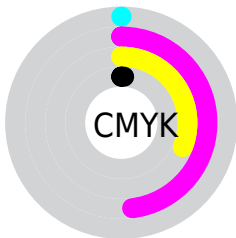
# Distribution



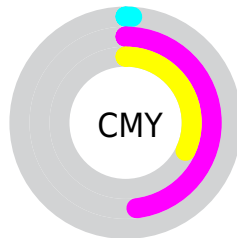
- Red (99%)
- Green (52%)
- Blue (68%)



- Red (99%)
- Yellow (52%)
- Blue (68%)



- Cyan (0%)
- Magenta (48%)
- Yellow (31%)
- Black (1%)



- Cyan (1%)
- Magenta (48%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD84AE 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 FD84AE by changing the saturation by 10% instead.



 FD84AE

 FD84AE

FFFFFF

 DF6993

 FFBC E5

 C14E7A

 FFD8FF

 A43361

 FFF5FF

 881249

 6C0033

 50001E

 390004

 100000

 000000

 FD84AE

 FD84AE

 FD6B9D

 FD9DBF

 FD518D

 FDB7CF

 FD387C

 FDD0E0

 FD1F6C

 FDE9F0

 FD065B

FDFFFF

 FD0058

# Harmonies

## Analogous

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



E18EDA



FD84AE



FF8881

# Triad

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



FD84AE



99B557



00BBF8

# Complementary

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



FD84AE



84FDD3

# 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.



00C1D5



FD84AE



5FBE79

# Square

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



FD84AE



C7A74C



00C2A7



52B0FF

# Rectangle

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



FD84AE



F39167



00C2A7



00BEEE



# Sweetspot

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



FD84AE



FFDBE8



D384FD



806A71



000000



808080



# Same Dimension

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



FD84AE



FF6EA0



FD9684



807377



BF0042



400016



# Inverse Universe

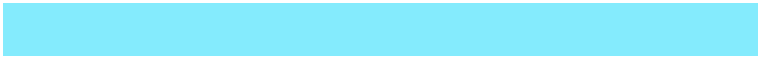
The Inverse Universe completely reimagines the original color for something new.



FD84AE



FF6EA0



84EBFD



807377



BF0042



400016



# Previews

## White Background



This preview shows how the Hex color FD84AE looks on a white background.

## Color Contrast Check

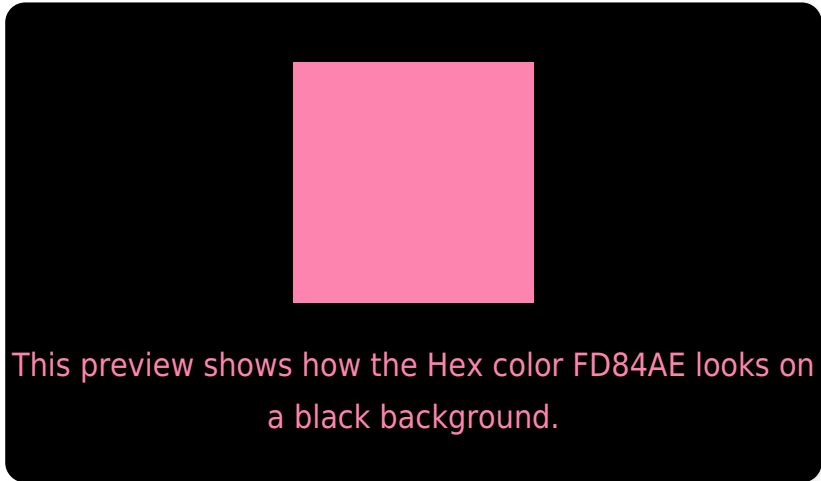
Large Text (above 18pt) WCAG AA × Fail

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 FD84AE Background



This preview shows how black text looks on a background with the Hex color FD84AE.

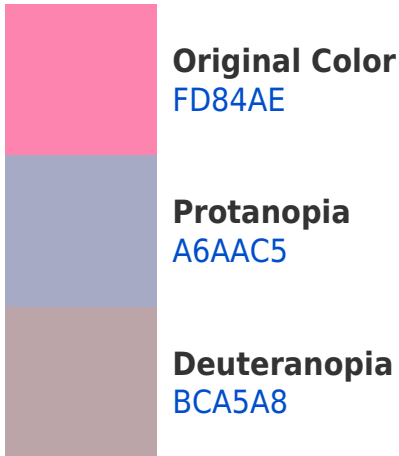


This preview shows how white text looks on a background with the Hex color FD84AE.

# 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**  
FB8993

# Trichromacy



**Original Color**  
FD84AE



**Protanomaly**  
C69CBD



**Deuteranomaly**  
D499AA



**Tritanomaly**  
FC879D

# Monochromacy



**Original Color**  
FD84AE



**Achromatopsia**  
ADADAD



**Achromatomaly**  
CA9EAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD84AE 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 #FD84AE looks like.

```
.text, #text, p{  
    color:#FD84AE  
}
```

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 #FD84AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD84AE
}
```

## Border

The CSS property to change the border of an element to Hex FD84AE 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
#FD84AE }
```

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

```
.border{ border-color:#FD84AE }
```

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

Here you see how a box with a 4 pixel #FD84AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD84AE; -webkit-box-shadow:4px 4px  
4px 4px #FD84AE; box-shadow:4px 4px 4px  
4px #FD84AE }
```

# Background

The CSS property to change the background color of an element to Hex FD84AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD84AE }
```

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

```
.background{ background-color:#FD84AE }
```

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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