

# Converting Colors

Hex(FD647A)

Have a look what the booklet for  
Hex(FD647A) contains.

<b>Hex(FD647A)</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(FD647A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD647A
RGB	253, 100, 122
RGB Percent	99%, 39%, 48%
CMY	0.0078, 0.6078, 0.5216
CMYK	0.00, 0.60, 0.52, 0.01
HSL	351°, 97%, 69%
HSV	351°, 60%, 99%
XYZ	48.5780, 31.4021, 21.9132
YIQ	148.2550, 84.1260, 39.2780

# Conversions

## Conversions Part 2

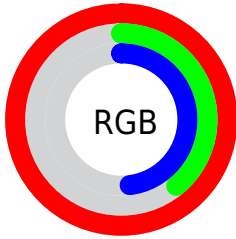
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 100, 122
Decimal	16606330
CIE Lab	62.85, 59.91, 18.74
CIE LCh	63, 62.774, 17.366
Yxy	31.4021, 0.4768, 0.3082
Android (android.graphics.Color)	4294796410 (0xFFFD647A)
YUV	148.2550, -12.9437, 91.8614
Hunter-Lab	56.0376, 56.6728, 16.0413

# Details

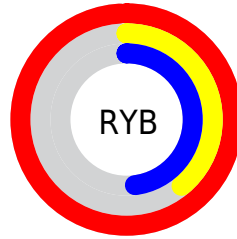
The Hex color **FD647A** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **64FDE7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF9CAE**, and **BF284A** is the 20% darker color. If you saturate the color by 10%, you get **FD4B64**, and if you desaturate by 10%, it is **FD7D90**.

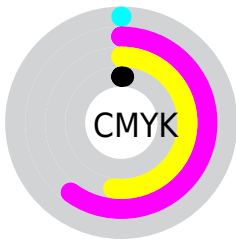
# Distribution



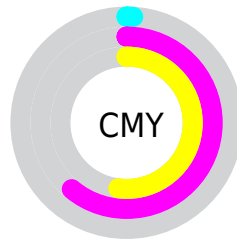
- Red (99%)
- Green (39%)
- Blue (48%)



- Red (99%)
- Yellow (39%)
- Blue (48%)



- Cyan (0%)
- Magenta (60%)
- Yellow (52%)
- Black (1%)



- Cyan (1%)
- Magenta (61%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD647A 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 FD647A by changing the saturation by 10% instead.



 FD647A

 FD647A

FFFFFF

 DE4761

 FF9CAE

 BF284A

 FFB9CA

 A00033

 FFD6E6

 82001F

 FFF4FF

 650007

 480002

 2A0001

 000000

 FD647A

 FD647A

 FD4B64

 FD7D90

 FD314F

 FD97A5

 FD1839

 FDB0BB

 FD0024

 FDC9D1

 FDE3E6

 FDFCFC

 FDFFFF

# Harmonies

## Analogous

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



F166B2



FD647A



ED7647

# Triad

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



FD647A



53AB48



00A5FF

# Complementary

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



FD647A



64FDE7

# 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.



00AFE9



FD647A



00B17E

# Square

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



FD647A



969F1E



00B3B8



6A93FF

# Rectangle

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



FD647A



D6852B



00B3B8



00A9FF



# Sweetspot

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



FD647A



FFD1D8



E664FD



806367



000000



808080



# Same Dimension

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



FD647A



FF4560



FD9A64



807375



BF001B



400009



# Inverse Universe

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



FD647A



FF4560



64C7FD



807375



BF001B



400009



# Previews

## White Background



This preview shows how the Hex color FD647A looks on a white background.

## Color Contrast Check

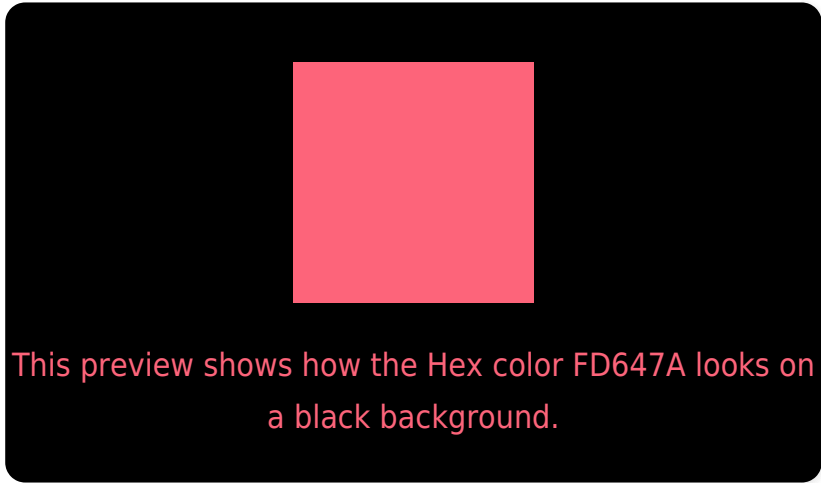
Large Text (above 18pt) WCAG AA × Fail

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 FD647A Background



This preview shows how black text looks on a background with the Hex color FD647A.



This preview shows how white text looks on a background with the Hex color FD647A.

# Color Blindness Simulation

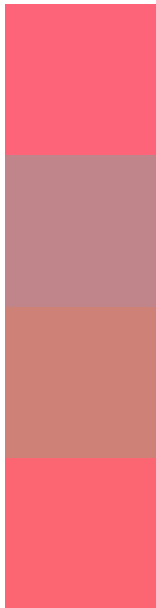
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
FD647A

**Protanomaly**  
BF858B

**Deuteranomaly**  
CE8176

**Tritanomaly**  
FC6572

# Monochromacy



**Original Color**  
FD647A

**Achromatopsia**  
949494

**Achromatomaly**  
BA838B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD647A 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 #FD647A looks like.

```
.text, #text, p{  
  color:#FD647A  
}
```

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 #FD647A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD647A
}
```

## Border

The CSS property to change the border of an element to Hex FD647A 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
#FD647A }
```

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

```
.border{ border-color:#FD647A }
```

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

Here you see how a box with a 4 pixel #FD647A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD647A; -webkit-box-shadow:4px 4px  
4px 4px #FD647A; box-shadow:4px 4px 4px  
4px #FD647A }
```

# Background

The CSS property to change the background color of an element to Hex FD647A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD647A }
```

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

```
.background{ background-color:#FD647A }
```

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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