

# Converting Colors

Hex(FD47B4)

Have a look what the booklet for  
Hex(FD47B4) contains.

<b>Hex(FD47B4)</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(FD47B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD47B4
RGB	253, 71, 180
RGB Percent	99%, 28%, 71%
CMY	0.0078, 0.7216, 0.2941
CMYK	0.00, 0.72, 0.29, 0.01
HSL	324°, 98%, 64%
HSV	324°, 72%, 99%
XYZ	50.9995, 28.6844, 46.0287
YIQ	137.8440, 73.4830, 72.4830

# Conversions

## Conversions Part 2

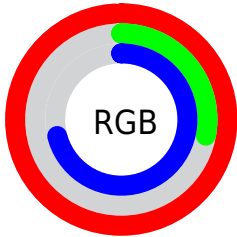
Format	Color
<a href="#">RYB</a>	<a href="#">253, 71, 180</a>
Decimal	<a href="#">16598964</a>
CIELab	<a href="#">60.50, 76.55, -18.20</a>
CIElCh	<a href="#">61, 78.683, 346.625</a>
Yxy	<a href="#">28.6844, 0.4057, 0.2282</a>
Android (android.graphics.Color)	<a href="#">4294789044 (0xFFFD47B4)</a>
YUV	<a href="#">137.8440, 20.7829, 100.9918</a>
Hunter-Lab	<a href="#">53.5578, 76.2472, -13.4646</a>

# Details

The Hex color **FD47B4** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **47FD90**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF85EC**, and **C0007F** is the 20% darker color. If you saturate the color by 10%, you get **FD2EAA**, and if you desaturate by 10%, it is **FD60BE**.

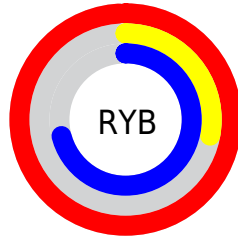
# Distribution



Red (99%)

Green (28%)

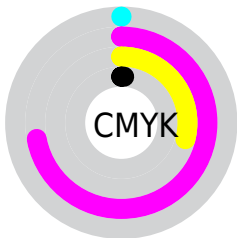
Blue (71%)



Red (99%)

Yellow (28%)

Blue (71%)

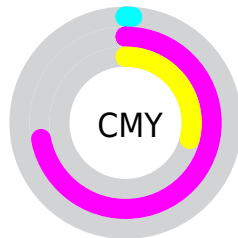


Cyan (0%)

Magenta (72%)

Yellow (29%)

Black (1%)



Cyan (1%)

Magenta (72%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD47B4 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 FD47B4 by changing the saturation by 10% instead.



 FD47B4

 FD47B4

FFFFFF

 DE1F99

 FF85EC

 C0007F

 FFA3FF

 A20066

 FFC1FF

 84004E

 FFDFFF

 670037

 FFFDFD

 4C0022

 2E0006

 000000

 FD47B4

 FD47B4

 FD2EAA

 FD60BE

 FD14A0

 FD7AC8

 FD0098

 FD93D2

 FDACDD

 FDC6E7

 FDDFF1

 FDF8FB

 FDFFFF

# Harmonies

## Analogous

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



C46BF2



FD47B4



FF436F

# Triad

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



FD47B4



8C9A00



00AEF6

# Complementary

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



FD47B4



47FD90

# 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.



00B1B8



FD47B4



2DA824

# Square

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



FD47B4



C98300



00AF6F



00A3FF

# Rectangle

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



FD47B4



FF5743



00AF6F



00AFE4



# Sweetspot

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



FD47B4



FFC7E8



9047FD



805E72



000000



808080



# Same Dimension

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



FD47B4



FF24A7



FD4759



80737A



BF0073



400026



# Inverse Universe

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



FD47B4



FF24A7



47FDEB



80737A



BF0073



400026



# Previews

## White Background



This preview shows how the Hex color FD47B4 looks on a white background.

## Color Contrast Check

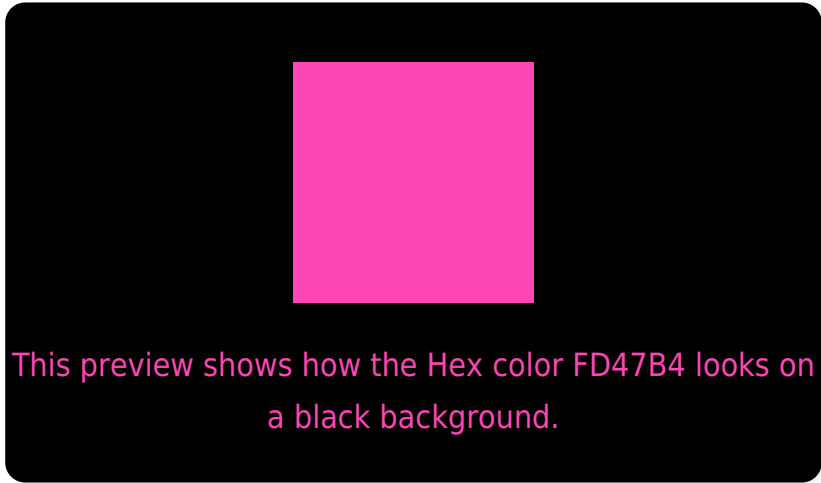
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD47B4 Background



This preview shows how black text looks on a background with the Hex color FD47B4.



This preview shows how white text looks on a background with the Hex color FD47B4.

# 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**  
F75E64

# Trichromacy



**Original Color**  
FD47B4



**Protanomaly**  
A375D6



**Deuteranomaly**  
BB75AE



**Tritanomaly**  
F95681

# Monochromacy



**Original Color**  
FD47B4



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
B47299

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD47B4 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 #FD47B4 looks like.

```
.text, #text, p{  
    color:#FD47B4  
}
```

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 #FD47B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD47B4
}
```

## Border

The CSS property to change the border of an element to Hex FD47B4 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
#FD47B4 }
```

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

```
.border{ border-color:#FD47B4 }
```

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

Here you see how a box with a 4 pixel #FD47B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD47B4; -webkit-box-shadow:4px 4px  
4px 4px #FD47B4; box-shadow:4px 4px 4px  
4px #FD47B4 }
```

# Background

The CSS property to change the background color of an element to Hex FD47B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD47B4 }
```

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

```
.background{ background-color:#FD47B4 }
```

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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