

# Converting Colors

Hex(FF4D94)

Have a look what the booklet for  
Hex(FF4D94) contains.

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# **Color**

**Hex(F4D94)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4D94
RGB	255, 77, 148
RGB Percent	100%, 30%, 58%
CMY	0.0000, 0.6980, 0.4196
CMYK	0.00, 0.70, 0.42, 0.00
HSL	336°, 100%, 65%
HSV	336°, 70%, 100%
XYZ	49.2392, 28.7059, 30.9626
YIQ	138.3160, 83.2970, 59.8170

# Conversions

## Conversions Part 2

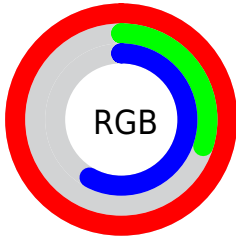
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 77, 148</a>
Decimal	<a href="#">16731540</a>
CIELab	<a href="#">60.52, 71.74, 0.41</a>
CIElCh	<a href="#">61, 71.738, 0.331</a>
Yxy	<a href="#">28.7059, 0.4521, 0.2636</a>
Android (android.graphics.Color)	<a href="#">4294921620</a> (0xFFFF4D94)
YUV	<a href="#">138.3160, 4.7742, 102.3319</a>
Hunter-Lab	<a href="#">53.5779, 70.2840, 3.2409</a>

# Details

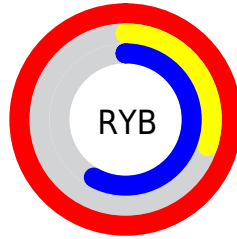
The Hex color **FF4D94** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **4DFFB8**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF89CA**, and **C10062** is the 20% darker color. If you saturate the color by 10%, you get **FF3485**, and if you desaturate by 10%, it is **FF67A3**.

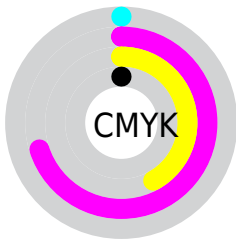
# Distribution



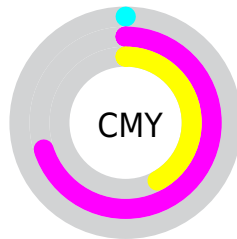
- Red (100%)
- Green (30%)
- Blue (58%)



- Red (100%)
- Yellow (30%)
- Blue (58%)



- Cyan (0%)
- Magenta (70%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4D94 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 FF4D94 by changing the saturation by 10% instead.



 FF4D94

 FF4D94

FFFFFF

 E02A7A

 FF89CA

 C10062

 FFA7E6

 A2004A

 FFC4FF

 840034

 FFE2FF

 66001F

 4B0005

 2B0001

 000000

 FF4D94

 FF4D94

 FF3485

 FF67A3

 FF1A75

 FF80B3

 FF0166

 FF9AC2

 FF0066

 FFB3D1

 FFCDE1

 FFE6F0

FFFFFF

# Harmonies

## Analogous

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



DD61D2



FF4D94



FD5956

# Triad

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



FF4D94



6FA005



00A8FF

# Complementary

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



FF4D94



4DFFB8

# 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.



00AED0



FF4D94



00AA4F

# Square

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



FF4D94



AE8F00



00AE91



0099FF

# Rectangle

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



FF4D94



EB6C2F



00AE91



00ABF3



# Sweetspot

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



FF4D94



FFC9DF



B84DFF



80606C



000000



808080



# Same Dimension

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



FF4D94



FF297E



FF5F4D



807378



BF004C



400019



# Inverse Universe

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



FF4D94



FF297E



4DEDFE



807378



BF004C



400019



# Previews

## White Background



This preview shows how the Hex color FF4D94 looks on a white background.

## Color Contrast Check

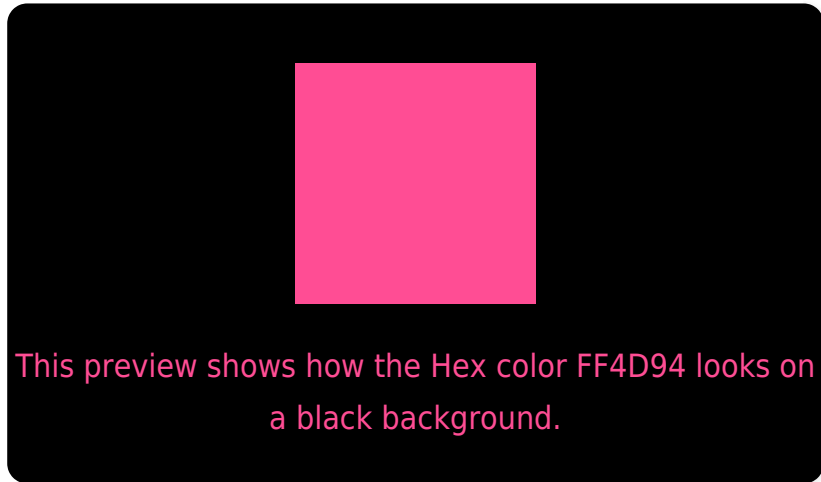
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4D94 Background



This preview shows how black text looks on a background with the Hex color FF4D94.



This preview shows how white text looks on a background with the Hex color FF4D94.

# 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



**Original Color**  
FF4D94

**Protanopia**  
8691BD

**Deuteranopia**  
A38D8B



**Tritanopia**  
FC5A5F

# Trichromacy



**Original Color**  
FF4D94



**Protanomaly**  
B278AE



**Deuteranomaly**  
C4768E



**Tritanomaly**  
FD5572

# Monochromacy



**Original Color**  
FF4D94



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
B5748E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4D94 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 #FF4D94 looks like.

```
.text, #text, p{  
    color:#FF4D94  
}
```

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 #FF4D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4D94
}
```

## Border

The CSS property to change the border of an element to Hex FF4D94 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
#FF4D94 }
```

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

```
.border{ border-color:#FF4D94 }
```

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

Here you see how a box with a 4 pixel #FF4D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4D94; -webkit-box-shadow:4px 4px  
4px 4px #FF4D94; box-shadow:4px 4px 4px  
4px #FF4D94 }
```

# Background

The CSS property to change the background color of an element to Hex FF4D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4D94 }
```

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

```
.background{ background-color:#FF4D94 }
```

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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