

# Converting Colors

Hex(FF6891)

Have a look what the booklet for  
Hex(FF6891) contains.

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**Color**

**Hex(F6891)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6891
RGB	255, 104, 145
RGB Percent	100%, 41%, 57%
CMY	0.0000, 0.5922, 0.4314
CMYK	0.00, 0.59, 0.43, 0.00
HSL	344°, 100%, 70%
HSV	344°, 59%, 100%
XYZ	51.3011, 33.2050, 30.4934
YIQ	153.8230, 76.8350, 44.7630

# Conversions

## Conversions Part 2

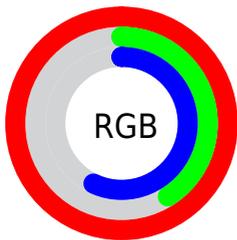
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 104, 145
Decimal	16738449
CIE Lab	64.33, 60.86, 7.64
CIE LCh	64, 61.341, 7.157
Yxy	33.2050, 0.4461, 0.2887
Android (android.graphics.Color)	4294928529 (0xFFFF6891)
YUV	153.8230, -4.3497, 88.7322
Hunter-Lab	57.6237, 58.0730, 8.9615

# Details

The Hex color **FF6891** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **68FFD6**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA1C7**, and **C22C5F** is the 20% darker color. If you saturate the color by 10%, you get **FF4F7E**, and if you desaturate by 10%, it is **FF82A4**.

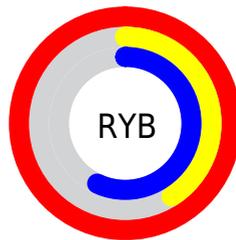
# Distribution



Red (100%)

Green (41%)

Blue (57%)



Red (100%)

Yellow (41%)

Blue (57%)

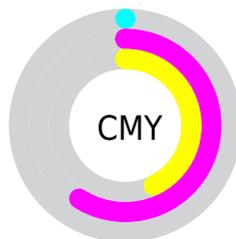


Cyan (0%)

Magenta (59%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6891 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 FF6891 by changing the saturation by 10% instead.

 FF6891

 FF6891

FFFFFF

 E04B77

 FFA1C7

 C22C5F

 FFBDE3

 A40047

 FFD8FF

 860031

 FFF8FF

 68001D

 4D0001

 2F0002

 000000

 FF6891

 FF6891

 FF4F7E

 FF82A4

 FF356C

 FF9BB6

 FF1B59

 FFB4C9

 FF0247

 FFCEDB

 FF0045

 FFE8EE

FFFFFF

# Harmonies

## Analogous

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



E871C8



FF6891



F8745D

# Triad

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



FF6891



72AB3E



00ADFF

# Complementary

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



FF6891



68FFD6

# 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.



00B5DD



FF6891



00B36F

# Square

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



FF6891



AC9D22



00B6A8



3B9EFF

# Rectangle

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



FF6891



E6823F



00B6A8



00B0F7

# Sweetspot

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



FF6891



FFD1DE



D468FF



80636B



000000



808080



# Same Dimension

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



FF6891



FF4A7B



FF8968



807376



BF0034



400011



# Inverse Universe

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



FF6891



FF4A7B



68DEFF



807376



BF0034

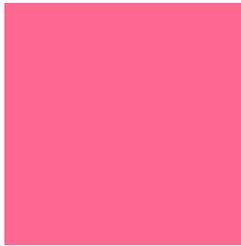


400011



# Previews

## White Background



This preview shows how the Hex color FF6891 looks on a white background.

## Color Contrast Check

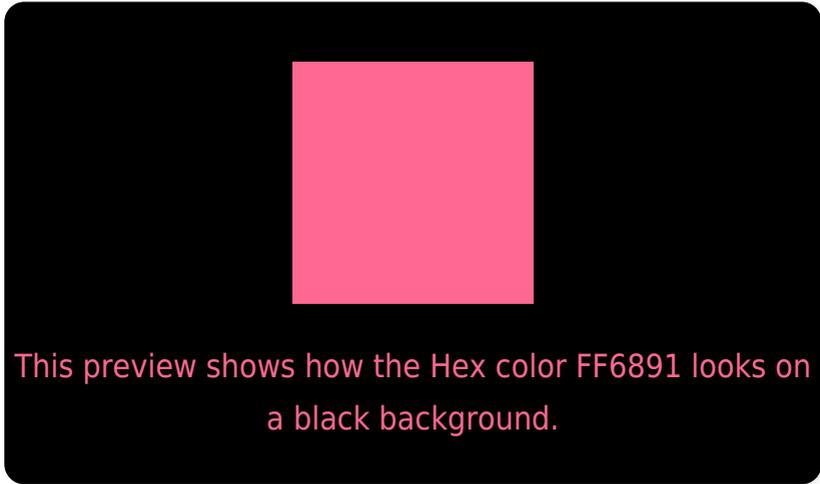
Large Text (above 18pt) WCAG AA × Fail

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

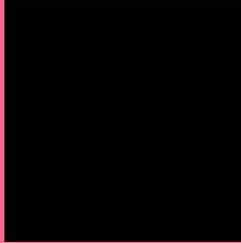
Any Text WCAG AA ✓ Pass

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 FF6891 Background



This preview shows how black text looks on a background with the Hex color FF6891.



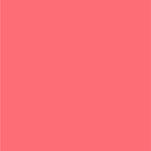
This preview shows how white text looks on a background with the Hex color FF6891.

# 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**  
FD6D75

# Trichromacy



**Original Color**  
FF6891



**Protanomaly**  
BF88A3



**Deuteranomaly**  
CE868D



**Tritanomaly**  
FE6B7F

# Monochromacy



**Original Color**  
FF6891



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
BF8897

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6891 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 #FF6891 looks like.

```
.text, #text, p{  
    color:#FF6891  
}
```

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 #FF6891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6891
}
```

## Border

The CSS property to change the border of an element to Hex FF6891 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
#FF6891 }
```

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

```
.border{ border-color:#FF6891 }
```

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

Here you see how a box with a 4 pixel #FF6891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6891; -webkit-box-shadow:4px 4px  
4px 4px #FF6891; box-shadow:4px 4px 4px  
4px #FF6891 }
```

# Background

The CSS property to change the background color of an element to Hex FF6891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6891 }
```

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

```
.background{ background-color:#FF6891 }
```

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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