

# Converting Colors

Hex(FF34B7)

Have a look what the booklet for  
Hex(FF34B7) contains.

<b>Hex(FF34B7)</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(**FF34B7**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF34B7
RGB	255, 52, 183
RGB Percent	100%, 20%, 72%
CMY	0.0000, 0.7961, 0.2824
CMYK	0.00, 0.80, 0.28, 0.00
HSL	321°, 100%, 60%
HSV	321°, 80%, 100%
XYZ	51.0152, 27.1349, 47.3485
YIQ	127.6310, 78.9370, 83.7770

# Conversions

## Conversions Part 2

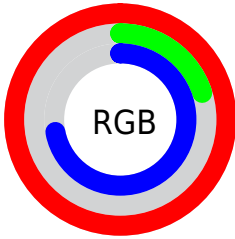
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 52, 183
Decimal	16725175
CIE Lab	59.10, 82.64, -22.04
CIE LCh	59, 85.528, 345.065
Yxy	27.1349, 0.4065, 0.2162
Android (android.graphics.Color)	4294915255 (0xFFFF34B7)
YUV	127.6310, 27.2969, 111.7026
Hunter-Lab	52.0912, 83.6537, -17.4281

# Details

The Hex color **FF34B7** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **34FF7C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF79EF**, and **C10082** is the 20% darker color. If you saturate the color by 10%, you get **FF1AAE**, and if you desaturate by 10%, it is **FF4EC0**.

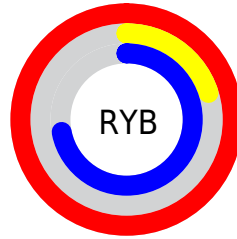
# Distribution



Red (100%)

Green (20%)

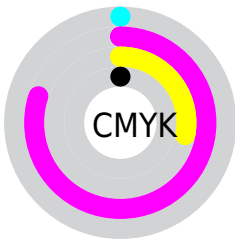
Blue (72%)



Red (100%)

Yellow (20%)

Blue (72%)

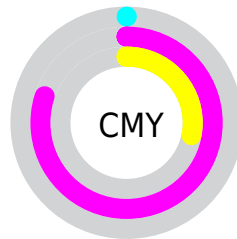


Cyan (0%)

Magenta (80%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF34B7 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 FF34B7 by changing the saturation by 10% instead.



 FF34B7

 FF34B7

FFFFFF

 E0009C

 FF79EF

 C10082

 FF97FF

 A30069

 FFB5FF

 850050

 FFD4FF

 670039

 FFF2FF

 4C0024

 2E000A

 000000

 FF34B7

 FF34B7

 FF1AAE

 FF4EC0

 FF01A5

 FF67C9

 FF00A5

 FF81D2

 FF9ADB

 FFB3E4

 FFCDED

 FFE7F6

FFFFFF

# Harmonies

## Analogous

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



BE65FA



FF34B7



FF296C

# Triad

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



FF34B7



899700



00ACF8

# Complementary

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



FF34B7



34FF7C

# 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.



00AEB3



FF34B7



19A500

# Square

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



FF34B7



CB7D00



00AC65



00A2FF

# Rectangle

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



FF34B7



FF473C



00AC65



00AEE3



# Sweetspot

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



FF34B7



FFC2E9



7B34FF



805B72



000000



808080



# Same Dimension

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



FF34B7



FF0AA8



FF3452



80737B



BF007B



400029



# Inverse Universe

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



FF34B7



FF0AA8



34FFE1



80737B



BF007B



400029



# Previews

## White Background



This preview shows how the Hex color FF34B7 looks on a white background.

## Color Contrast Check

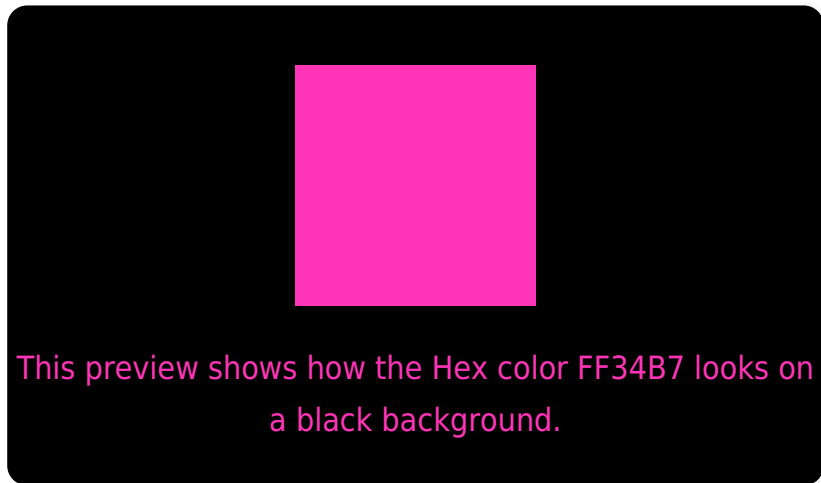
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF34B7 Background



This preview shows how black text looks on a background with the Hex color FF34B7.




This preview shows how white text looks on a background with the Hex color FF34B7.

# 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**  
F85459

# Trichromacy



**Original Color**  
FF34B7



**Protanomaly**  
996BE0



**Deuteranomaly**  
B76BB0



**Tritanomaly**  
FB487B

# Monochromacy



**Original Color**  
FF34B7



**Achromatopsia**  
808080



**Achromatomaly**  
AE6494

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF34B7 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 #FF34B7 looks like.

```
.text, #text, p{  
    color:#FF34B7  
}
```

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 #FF34B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF34B7
}
```

## Border

The CSS property to change the border of an element to Hex FF34B7 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
#FF34B7 }
```

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

```
.border{ border-color:#FF34B7 }
```

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

Here you see how a box with a 4 pixel #FF34B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF34B7; -webkit-box-shadow:4px 4px  
4px 4px #FF34B7; box-shadow:4px 4px 4px  
4px #FF34B7 }
```

# Background

The CSS property to change the background color of an element to Hex FF34B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF34B7 }
```

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

```
.background{ background-color:#FF34B7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor