

# Converting Colors

Hex(F351B2)

Have a look what the booklet for  
Hex(F351B2) contains.

<b>Hex(F351B2)</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(F351B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F351B2
RGB	243, 81, 178
RGB Percent	95%, 32%, 70%
CMY	0.0471, 0.6824, 0.3020
CMYK	0.00, 0.67, 0.27, 0.05
HSL	324°, 87%, 64%
HSV	324°, 67%, 95%
XYZ	47.9405, 28.1539, 45.0270
YIQ	140.4960, 65.4150, 64.5110

# Conversions

## Conversions Part 2

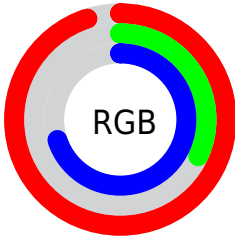
Format	Color
R <sub>Y</sub> B	243, 81, 178
Decimal	15946162
CIE Lab	60.03, 70.30, -17.92
CIE LCh	60, 72.551, 345.698
Yxy	28.1539, 0.3958, 0.2324
Android (android.graphics.Color)	4294136242 (0xFFFF351B2)
YUV	140.4960, 18.4895, 89.8960
Hunter-Lab	53.0602, 68.4211, -13.1714

# Details

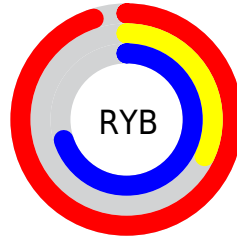
The Hex color **F351B2** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **51F392**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF8CEA**, and **B7007D** is the 20% darker color. If you saturate the color by 10%, you get **F339A8**, and if you desaturate by 10%, it is **F369BC**.

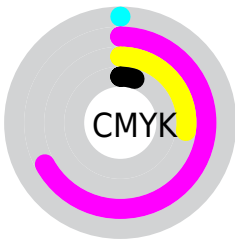
# Distribution



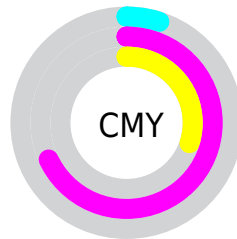
- Red (95%)
- Green (32%)
- Blue (70%)



- Red (95%)
- Yellow (32%)
- Blue (70%)



- Cyan (0%)
- Magenta (67%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (68%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F351B2 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 F351B2 by changing the saturation by 10% instead.



 F351B2

 F351B2

FFFFFF

 D53097

 FF8CEA

 B7007D

 FFA9FF

 990064

 FFC7FF

 7C004C

 FFE4FF

 5F0035

 450020

 280003

 000000

 F351B2

 F351B2

 F339A8

 F369BC

 F3209E

 F382C5

 F30895

 F39ACF

 F30091

 F3B2D9

 F3CBE3

 F3E3EC

 F3FBF6

 F3FFFF

# Harmonies

## Analogous

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



BD6FEB



F351B2



FF4C72

# Triad

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



F351B2



8E9800



00ABEB

# Complementary

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



F351B2



51F392

# 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.



00AEB1



F351B2



3EA52D

# Square

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



F351B2



C78300



00AC6F



00A1FF

# Rectangle

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



F351B2



F95C4A



00AC6F



00ACDA



# Sweetspot

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



F351B2



FFCCEB



9251F3



806173



000000



808080



# Same Dimension

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



F351B2



FF33AD



F35161



7A6E75



BA006F



3B0023



# Inverse Universe

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



F351B2



FF33AD



51F3E3



7A6E75



BA006F

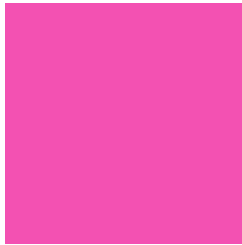


3B0023



# Previews

## White Background



This preview shows how the Hex color F351B2 looks on a white background.

## Color Contrast Check

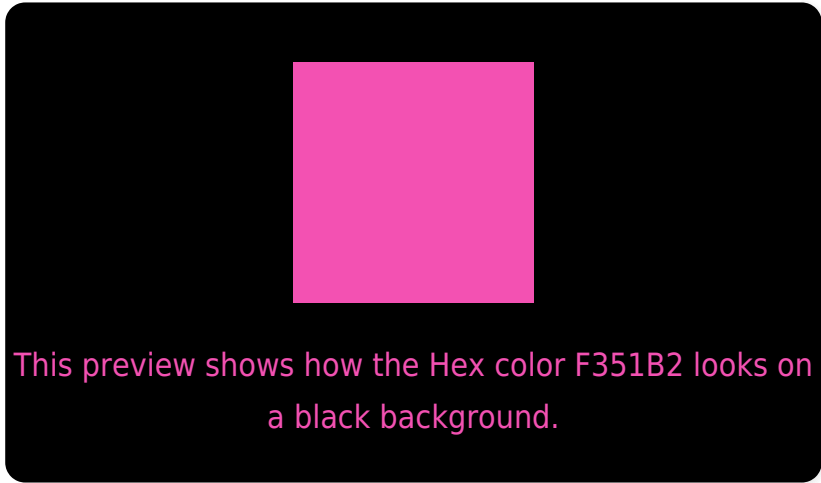
Large Text (above 18pt) WCAG AA ✓ Pass

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 F351B2 Background



This preview shows how black text looks on a background with the Hex color F351B2.




This preview shows how white text looks on a background with the Hex color F351B2.

# 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](#).

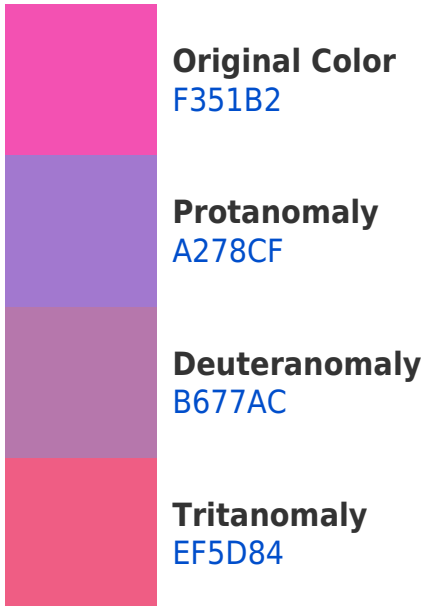
## Dichromacy





**Tritanopia**  
ED646A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F351B2 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 #F351B2 looks like.

```
.text, #text, p{  
    color:#F351B2  
}
```

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 #F351B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F351B2
}
```

## Border

The CSS property to change the border of an element to Hex F351B2 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
#F351B2 }
```

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

```
.border{ border-color:#F351B2 }
```

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

Here you see how a box with a 4 pixel #F351B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F351B2; -webkit-box-shadow:4px 4px  
4px 4px #F351B2; box-shadow:4px 4px 4px  
4px #F351B2 }
```

# Background

The CSS property to change the background color of an element to Hex F351B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F351B2 }
```

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

```
.background{ background-color:#F351B2 }
```

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