

Converting Colors

Hex(F331CB)

Have a look what the booklet for
Hex(F331CB) contains.

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Color

Hex(F331CB)

Conversions

Conversions Part 1

Format	Color
Hex	F331CB
RGB	243, 49, 203
RGB Percent	95%, 19%, 80%
CMY	0.0471, 0.8078, 0.2039
CMYK	0.00, 0.80, 0.16, 0.05
HSL	312°, 89%, 57%
HSV	312°, 80%, 95%
XYZ	48.8400, 25.5631, 58.8599
YIQ	124.5620, 66.1900, 89.0220

Conversions

Conversions Part 2

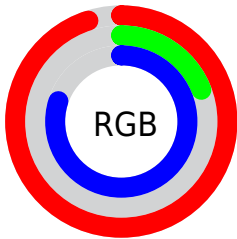
Format	Color
R _Y B	243, 49, 203
Decimal	15937995
CIE _{Lab}	57.62, 83.15, -35.99
CIE _{LCh}	58, 90.609, 336.595
Yxy	25.5631, 0.3665, 0.1918
Android (android.graphics.Color)	4294128075 (0xFFFF331CB)
YUV	124.5620, 38.6699, 103.8701
Hunter-Lab	50.5600, 83.9476, -33.6311

Details

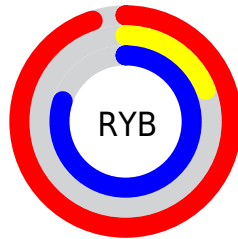
The Hex color **F331CB** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **31F359**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF76FF**, and **B60094** is the 20% darker color. If you saturate the color by 10%, you get **F319C6**, and if you desaturate by 10%, it is **F349D0**.

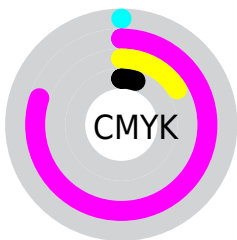
Distribution



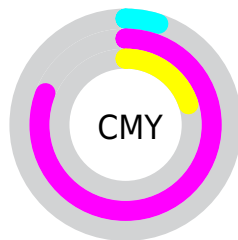
- Red (95%)
- Green (19%)
- Blue (80%)



- Red (95%)
- Yellow (19%)
- Blue (80%)



- Cyan (0%)
- Magenta (80%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (81%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color F331CB 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 F331CB by changing the saturation by 10% instead.

 F331CB

 F331CB

FFFFFF

 D400AF

 FF76FF

 B60094

 FF94FF

 99007A

 FFB2FF

 7B0061

 FFD1FF

 5E0049

 FFEFFF

 430032

 25001B

 000000

 F331CB

 F331CB

 F319C6

 F349D0

 F300C1

 F362D5

 F37ADA

 F392DF

 F3AAE4

 F3C3E9

 F3DBEE

 F3F3F3

 F3FFF8

Harmonies

Analogous

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



9B6BFF



F331CB



FF007D

Triad

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



F331CB



988D00



00ABE8

Complementary

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



F331CB



31F359

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.



00AB9B



F331CB



3D9F00

Square

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



F331CB



D86E00



00A846



00A3FF

Rectangle

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



F331CB



FF2449



00A846



00ABD0

Sweetspot

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



F331CB



FFC2F2



5831F3



805B78



000000



808080

Same Dimension

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



F331CB



FF0ACD



F3316B



7A6E78



BA0094



3B002F

Inverse Universe

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



F331CB



FF0ACD



31F3B9



7A6E78



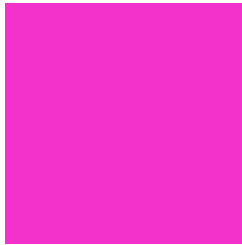
BA0094



3B002F

Previews

White Background



This preview shows how the Hex color F331CB looks on a white background.

Color Contrast Check

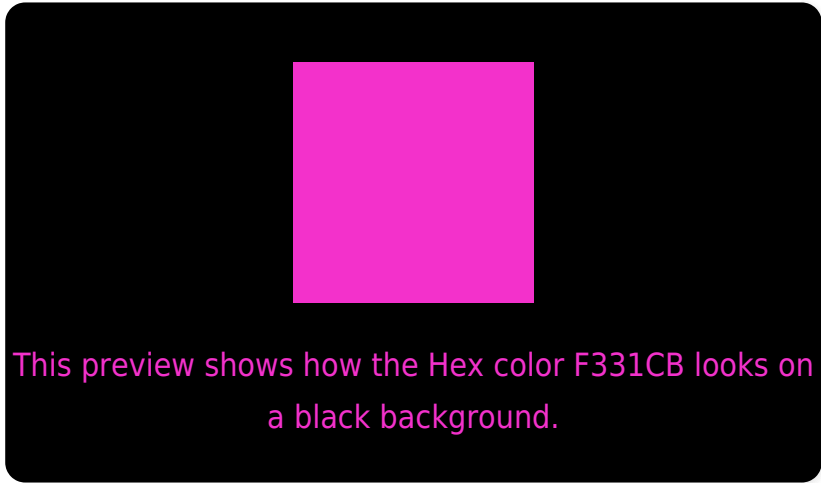
Large Text (above 18pt) WCAG AA ✓ Pass

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 F331CB Background



This preview shows how black text looks on a background with the Hex color F331CB.



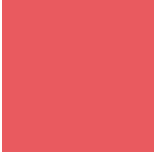
This preview shows how white text looks on a background with the Hex color F331CB.

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
E95A5F

Trichromacy



Original Color
F331CB



Protanomaly
8968EC



Deuteranomaly
A669C3



Tritanomaly
ED4B86

Monochromacy



Original Color
F331CB



Achromatopsia
7D7D7D



Achromatomaly
A86199

CSS Examples

Text

The CSS property to change the color of the text to Hex F331CB 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 #F331CB looks like.

```
.text, #text, p{  
    color:#F331CB  
}
```

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 #F331CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F331CB
}
```

Border

The CSS property to change the border of an element to Hex F331CB 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
#F331CB }
```

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

```
.border{ border-color:#F331CB }
```

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

Here you see how a box with a 4 pixel #F331CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F331CB; -webkit-box-shadow:4px 4px  
4px 4px #F331CB; box-shadow:4px 4px 4px  
4px #F331CB }
```

Background

The CSS property to change the background color of an element to Hex F331CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F331CB }
```

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

```
.background{ background-color:#F331CB }
```

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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