

Converting Colors

Hex(F943CB)

Have a look what the booklet for
Hex(F943CB) contains.

Hex(F943CB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F943CB)

Conversions

Conversions Part 1

Format	Color
Hex	F943CB
RGB	249, 67, 203
RGB Percent	98%, 26%, 80%
CMY	0.0235, 0.7373, 0.2039
CMYK	0.00, 0.73, 0.18, 0.02
HSL	315°, 94%, 62%
HSV	315°, 73%, 98%
XYZ	51.8536, 28.4658, 59.2614
YIQ	136.9220, 64.8160, 80.8800

Conversions

Conversions Part 2

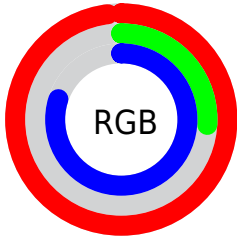
Format	Color
R _Y B	249, 67, 203
Decimal	16335819
CIE Lab	60.31, 79.64, -31.73
CIE LCh	60, 85.731, 338.279
Yxy	28.4658, 0.3715, 0.2039
Android (android.graphics.Color)	4294525899 (0xFFFF943CB)
YUV	136.9220, 32.5765, 98.2924
Hunter-Lab	53.3534, 80.1137, -28.5080

Details

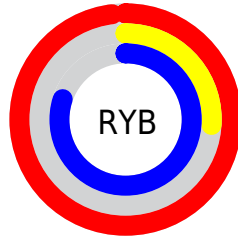
The Hex color **F943CB** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **43F971**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF82FF**, and **BC0094** is the 20% darker color. If you saturate the color by 10%, you get **F92AC5**, and if you desaturate by 10%, it is **F95CD1**.

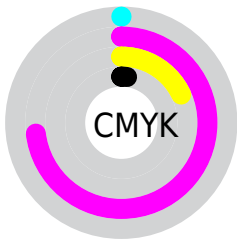
Distribution



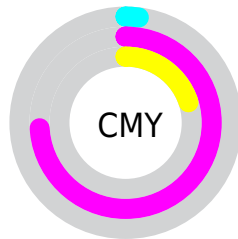
- Red (98%)
- Green (26%)
- Blue (80%)



- Red (98%)
- Yellow (26%)
- Blue (80%)



- Cyan (0%)
- Magenta (73%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (74%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color F943CB 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 F943CB by changing the saturation by 10% instead.

 F943CB

 F943CB

FFFFFF

 DA17AF

 FF82FF

 BC0094

 FFA0FF

 9F007A

 FFBEFF

 810061

 FFDCFF

 640049

 FFFBFF

 4A0032

 2C001C

 000000

 F943CB

 F943CB

 F92AC5

 F95CD1

 F911BE

 F975D8

 F900BA

 F98EDE

 F9A7E4

 F9C0EA

 F9D8F1

 F9F1F7

 F9FFFD

 F9FFFF

Harmonies

Analogous

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



AA72FF



F943CB



FF2980

Triad

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



F943CB



9D9500



00B1EE

Complementary

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



F943CB



43F971

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.



00B2A5



F943CB



46A600

Square

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



F943CB



DB7800



00AE55



00A8FF

Rectangle

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



F943CB



FF404F



00AE55



00B2D8

Sweetspot

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



F943CB



FFC7F1



7143F9



805E77



000000



808080

Same Dimension

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



F943CB



FF1FC6



F94371



7D707A



BD008D



3D002E

Inverse Universe

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



F943CB



FF1FC6



43F9CC



7D707A



BD008D



3D002E

Previews

White Background



This preview shows how the Hex color F943CB looks on a white background.

Color Contrast Check

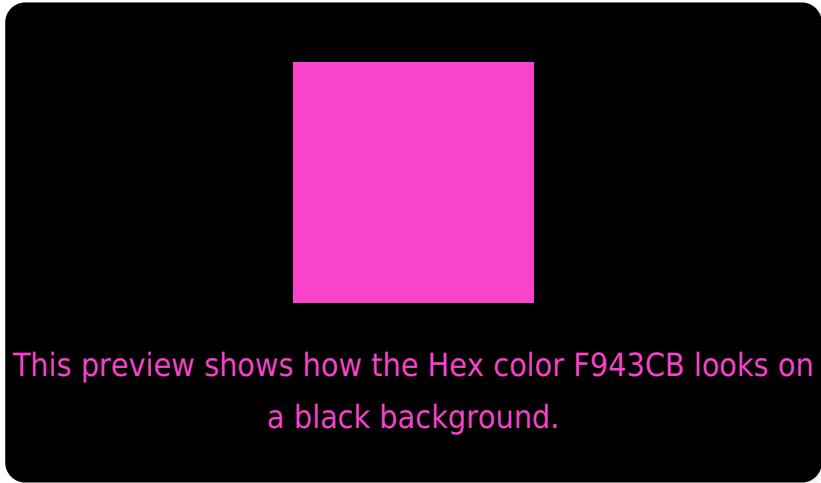
Large Text (above 18pt) WCAG AA ✓ Pass

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 F943CB Background



This preview shows how black text looks on a background with the Hex color F943CB.




This preview shows how white text looks on a background with the Hex color F943CB.

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



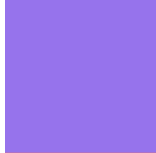


Tritanopia
F06269

Trichromacy



Original Color
F943CB



Protanomaly
9673EC



Deuteranomaly
B073C4



Tritanomaly
F3578D

Monochromacy



Original Color
F943CB



Achromatopsia
898989



Achromatomaly
B270A1

CSS Examples

Text

The CSS property to change the color of the text to Hex F943CB 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 #F943CB looks like.

```
.text, #text, p{  
    color:#F943CB  
}
```

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 #F943CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F943CB
}
```

Border

The CSS property to change the border of an element to Hex F943CB 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
#F943CB }
```

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

```
.border{ border-color:#F943CB }
```

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

Here you see how a box with a 4 pixel #F943CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F943CB; -webkit-box-shadow:4px 4px  
4px 4px #F943CB; box-shadow:4px 4px 4px  
4px #F943CB }
```

Background

The CSS property to change the background color of an element to Hex F943CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F943CB }
```

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

```
.background{ background-color:#F943CB }
```

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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