

# Converting Colors

Hex(F954CB)

Have a look what the booklet for  
Hex(F954CB) contains.

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**Color**

**Hex(F954CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F954CB
RGB	249, 84, 203
RGB Percent	98%, 33%, 80%
CMY	0.0235, 0.6706, 0.2039
CMYK	0.00, 0.66, 0.18, 0.02
HSL	317°, 93%, 65%
HSV	317°, 66%, 98%
XYZ	53.0167, 30.7922, 59.6491
YIQ	146.9010, 60.1410, 71.9890

# Conversions

## Conversions Part 2

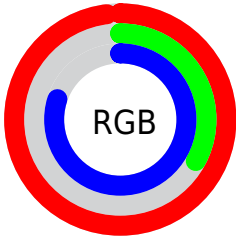
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	249, 84, 203
Decimal	16340171
CIE <sub>Lab</sub>	62.33, 73.95, -28.59
CIE <sub>LCh</sub>	62, 79.285, 338.861
Yxy	30.7922, 0.3696, 0.2146
Android (android.graphics.Color)	4294530251 (0xFFF954CB)
YUV	146.9010, 27.6568, 89.5408
Hunter-Lab	55.4907, 73.4331, -24.8896

# Details

The Hex color **F954CB** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **54F982**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF90FF**, and **BD0095** is the 20% darker color. If you saturate the color by 10%, you get **F93BC4**, and if you desaturate by 10%, it is **F96DD2**.

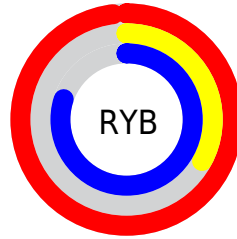
# Distribution



Red (98%)

Green (33%)

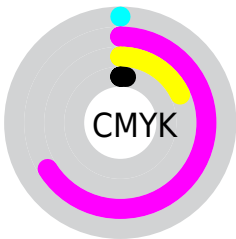
Blue (80%)



Red (98%)

Yellow (33%)

Blue (80%)

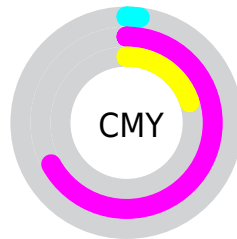


Cyan (0%)

Magenta (66%)

Yellow (18%)

Black (2%)



Cyan (2%)

Magenta (67%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F954CB 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 F954CB by changing the saturation by 10% instead.



 F954CB

 F954CB

FFFFFF

 DB33AF

 FF90FF

 BD0095

 FFADFF

 9F007B

 FFCBFF

 820061

 FFE9FF

 660049

 4B0032

 2E001D

 000000

 F954CB

 F954CB

 F93BC4

 F96DD2

 F922BD

 F986D9

 F909B6

 F99FE0

 F900B4

 F9B8E7

 F9D1EE

 F9E9F5

 F9FFFC

 F9FFFF

# Harmonies

## Analogous

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



B179FF



F954CB



FF4485

# Triad

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



F954CB



A29A00



00B4EE

# Complementary

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



F954CB



54F982

# 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.



00B6AA



F954CB



54AA0D

# Square

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



F954CB



DD8000



00B361



00ACFF

# Rectangle

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



F954CB



FF5357



00B361



00B5D9



# Sweetspot

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



F954CB



FFCCF1



8054F9



806177



000000



808080



# Same Dimension

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



F954CB



FF33C6



F9547B



7D7079



BD0088



3D002C



# Inverse Universe

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



F954CB



FF33C6



54F9D3



7D7079



BD0088



3D002C



# Previews

## White Background



This preview shows how the Hex color F954CB looks on a white background.

## Color Contrast Check

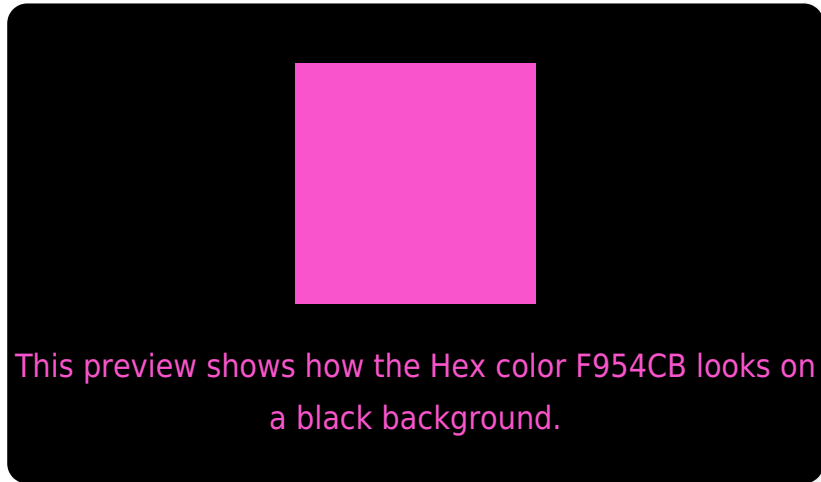
Large Text (above 18pt) WCAG AA × Fail

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 F954CB Background



This preview shows how black text looks on a background with the Hex color F954CB.



This preview shows how white text looks on a background with the Hex color F954CB.

# 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**  
F16C73

# Trichromacy



**Original Color**  
F954CB



**Protanomaly**  
9E7DEB



**Deuteranomaly**  
B67DC5



**Tritanomaly**  
F46393

# Monochromacy



**Original Color**  
F954CB



**Achromatopsia**  
939393



**Achromatomaly**  
B87CA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F954CB 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 #F954CB looks like.

```
.text, #text, p{  
    color:#F954CB  
}
```

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 #F954CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F954CB
}
```

## Border

The CSS property to change the border of an element to Hex F954CB 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
#F954CB }
```

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

```
.border{ border-color:#F954CB }
```

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

Here you see how a box with a 4 pixel #F954CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F954CB; -webkit-box-shadow:4px 4px  
4px 4px #F954CB; box-shadow:4px 4px 4px  
4px #F954CB }
```

# Background

The CSS property to change the background color of an element to Hex F954CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F954CB }
```

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

```
.background{ background-color:#F954CB }
```

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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