

Converting Colors

Hex(F947C8)

Have a look what the booklet for
Hex(F947C8) contains.

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Color

Hex(F947C8)

Conversions

Conversions Part 1

Format	Color
Hex	F947C8
RGB	249, 71, 200
RGB Percent	98%, 28%, 78%
CMY	0.0235, 0.7216, 0.2157
CMYK	0.00, 0.71, 0.20, 0.02
HSL	317°, 94%, 63%
HSV	317°, 71%, 98%
XYZ	51.7455, 28.8163, 57.4784
YIQ	138.9280, 64.6790, 77.8550

Conversions

Conversions Part 2

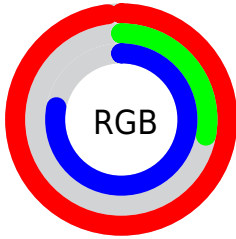
Format	Color
R_{YB}	249, 71, 200
Decimal	16336840
CIE _{Lab}	60.62, 78.02, -29.54
CIE _{LCh}	61, 83.419, 339.263
Yxy	28.8163, 0.3749, 0.2088
Android (android.graphics.Color)	4294526920 (0xFFFF947C8)
YUV	138.9280, 30.1085, 96.5331
Hunter-Lab	53.6809, 78.1230, -25.9078

Details

The Hex color **F947C8** 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 **47F978**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF85FF**, and **BC0092** is the 20% darker color. If you saturate the color by 10%, you get **F92EC1**, and if you desaturate by 10%, it is **F960CF**.

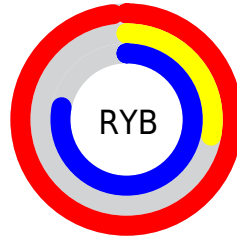
Distribution



Red (98%)

Green (28%)

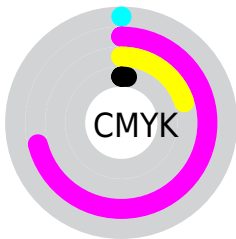
Blue (78%)



Red (98%)

Yellow (28%)

Blue (78%)

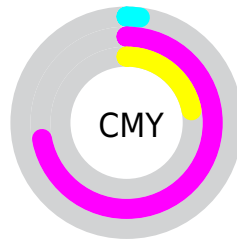


Cyan (0%)

Magenta (71%)

Yellow (20%)

Black (2%)



Cyan (2%)

Magenta (72%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color F947C8 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 F947C8 by changing the saturation by 10% instead.

 F947C8

 F947C8

FFFFFF

 DA1FAC

 FF85FF

 BC0092

 FFA3FF

 9F0078

 FFC1FF

 81005F

 FFDFFF

 640047

 FFFDFD

 4A0030

 2C001A

 000000

 F947C8

 F947C8

 F92EC1

 F960CF

 F915BA

 F979D6

 F900B4

 F992DD

 F9ABE3

 F9C4EA

 F9DCF1

 F9F5F8

 F9FFFF

Harmonies

Analogous

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



AE72FF



F947C8



FF337F

Triad

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



F947C8



9C9600



00B1EE

Complementary

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



F947C8



47F978

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.



00B2A8



F947C8



47A700

Square

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



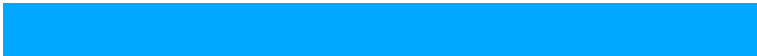
F947C8



D97B00



00AF5A



00A8FF

Rectangle

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



F947C8



FF474F



00AF5A



00B2D9

Sweetspot

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



F947C8



FFC9F0



7647F9



806077



000000



808080

Same Dimension

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



F947C8



FF24C3



F94771



7D707A



BD0089



3D002C

Inverse Universe

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



F947C8



FF24C3



47F9CF



7D707A



BD0089



3D002C

Previews

White Background



This preview shows how the Hex color F947C8 looks on a white background.

Color Contrast Check

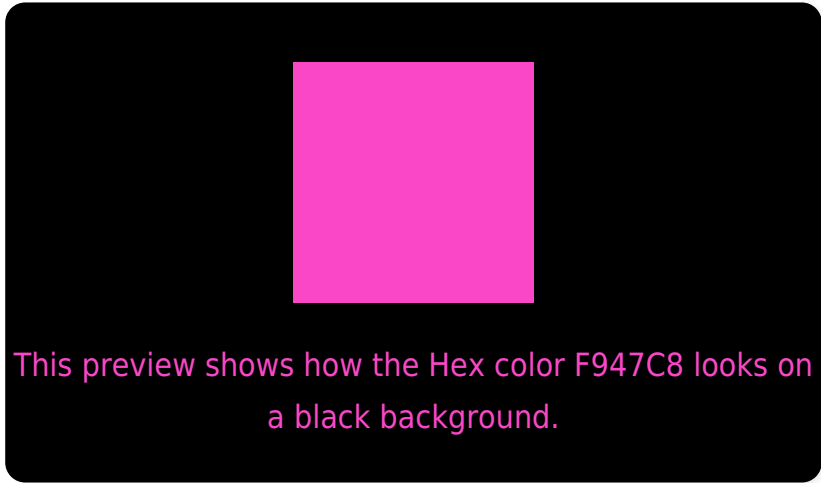
Large Text (above 18pt) WCAG AA ✓ Pass

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 F947C8 Background



This preview shows how black text looks on a background with the Hex color F947C8.



This preview shows how white text looks on a background with the Hex color F947C8.

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
F1646A

Trichromacy



Original Color
F947C8



Protanomaly
9875EB



Deuteranomaly
B275C2



Tritanomaly
F4598C

Monochromacy



Original Color
F947C8



Achromatopsia
8B8B8B



Achromatomaly
B372A1

CSS Examples

Text

The CSS property to change the color of the text to Hex F947C8 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 #F947C8 looks like.

```
.text, #text, p{  
    color:#F947C8  
}
```

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 #F947C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F947C8
}
```

Border

The CSS property to change the border of an element to Hex F947C8 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
#F947C8 }
```

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

```
.border{ border-color:#F947C8 }
```

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

Here you see how a box with a 4 pixel #F947C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F947C8; -webkit-box-shadow:4px 4px  
4px 4px #F947C8; box-shadow:4px 4px 4px  
4px #F947C8 }
```

Background

The CSS property to change the background color of an element to Hex F947C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F947C8 }
```

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

```
.background{ background-color:#F947C8 }
```

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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