

Converting Colors

Hex(F971E2)

Have a look what the booklet for
Hex(F971E2) contains.

Hex(F971E2)	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(F971E2)

Conversions

Conversions Part 1

Format	Color
Hex	F971E2
RGB	249, 113, 226
RGB Percent	98%, 44%, 89%
CMY	0.0235, 0.5569, 0.1137
CMYK	0.00, 0.55, 0.09, 0.02
HSL	310°, 92%, 71%
HSV	310°, 55%, 98%
XYZ	58.6995, 37.4410, 76.0845
YIQ	166.5460, 44.7830, 63.9750

Conversions

Conversions Part 2

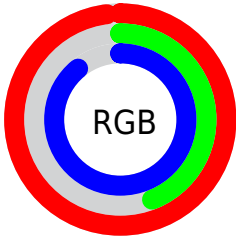
Format	Color
R _Y B	249, 113, 226
Decimal	16347618
CIE Lab	67.61, 65.42, -33.33
CIE LCh	68, 73.423, 333.005
Yxy	37.4410, 0.3408, 0.2174
Android (android.graphics.Color)	4294537698 (0xFFFF971E2)
YUV	166.5460, 29.3108, 72.3122
Hunter-Lab	61.1890, 64.1568, -30.8909

Details

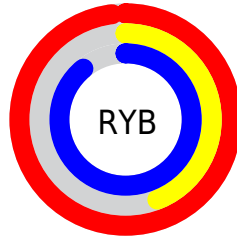
The Hex color **F971E2** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **71F988**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFAAFF**, and **BE36AA** is the 20% darker color. If you saturate the color by 10%, you get **F958DE**, and if you desaturate by 10%, it is **F98AE6**.

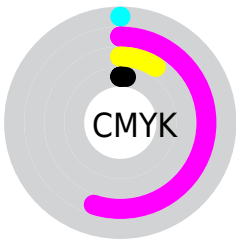
Distribution



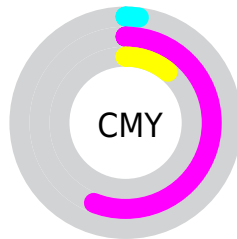
- Red (98%)
- Green (44%)
- Blue (89%)



- Red (98%)
- Yellow (44%)
- Blue (89%)



- Cyan (0%)
- Magenta (55%)
- Yellow (9%)
- Black (2%)



- Cyan (2%)
- Magenta (56%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color F971E2 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 F971E2 by changing the saturation by 10% instead.

 F971E2

 F971E2

FFFFFF

 DB54C6

 FFAAFF

 BE36AA

 FFC7FF

 A10E90

 FFE4FF

 840076

 69005D

 4D0044

 34002E

 100018

 000000

 F971E2

 F971E2

 F958DE

 F98AE6

 F93FDA

 F9A3EA

 F926D5

 F9BCEF

 F90DD1

 F9D5F3

 F900CF

 F9EDF7

 F9FFFB

 F9FFFF

Harmonies

Analogous

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



AC90FF



F971E2



FF60A1

Triad

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



F971E2



BEA400



00C2EB

Complementary

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



F971E2



71F988

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.



00C3AA



F971E2



7BB525

Square

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



F971E2



F38A26



00BF65



00BBFF

Rectangle

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



F971E2



FF6675



00BF65



00C3D7

Sweetspot

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



F971E2



FFD6F8



8871F9



80677B



000000



808080

Same Dimension

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



F971E2



FF57E3



F9719E



7D707B



BD009D



3D0033

Inverse Universe

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



F971E2



FF57E3



71F9CC



7D707B



BD009D



3D0033

Previews

White Background



This preview shows how the Hex color F971E2 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

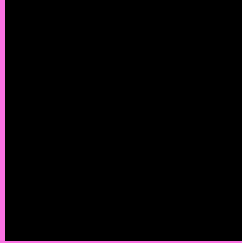
Any Text WCAG AA ✓ Pass

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 F971E2 Background



This preview shows how black text looks on a background with the Hex color F971E2.

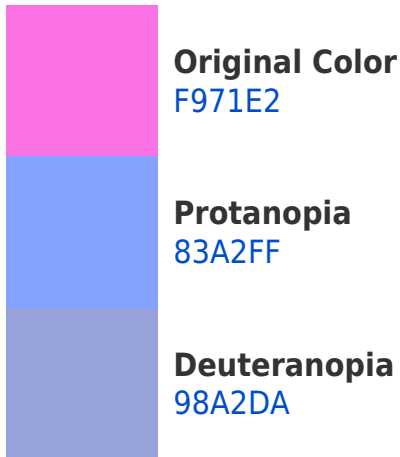



This preview shows how white text looks on a background with the Hex color F971E2.

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
F0858F

Trichromacy



Original Color
F971E2



Protanomaly
AE90F4



Deuteranomaly
BB90DD



Tritanomaly
F37EAD

Monochromacy



Original Color
F971E2



Achromatopsia
A7A7A7



Achromatomaly
C593BC

CSS Examples

Text

The CSS property to change the color of the text to Hex F971E2 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 #F971E2 looks like.

```
.text, #text, p{  
    color:#F971E2  
}
```

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 #F971E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F971E2
}
```

Border

The CSS property to change the border of an element to Hex F971E2 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
#F971E2 }
```

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

```
.border{ border-color:#F971E2 }
```

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

Here you see how a box with a 4 pixel #F971E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F971E2; -webkit-box-shadow:4px 4px  
4px 4px #F971E2; box-shadow:4px 4px 4px  
4px #F971E2 }
```

Background

The CSS property to change the background color of an element to Hex F971E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F971E2 }
```

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

```
.background{ background-color:#F971E2 }
```

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