

Converting Colors

Hex(FF7FEA)

Have a look what the booklet for
Hex(FF7FEA) contains.

Hex(FF7FEA)	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(**FF7FEA**)

Conversions

Conversions Part 1

Format	Color
Hex	FF7FEA
RGB	255, 127, 234
RGB Percent	100%, 50%, 92%
CMY	0.0000, 0.5020, 0.0824
CMYK	0.00, 0.50, 0.08, 0.00
HSL	310°, 100%, 75%
HSV	310°, 50%, 100%
XYZ	63.6807, 42.3793, 82.6656
YIQ	177.4700, 41.9410, 60.4130

Conversions

Conversions Part 2

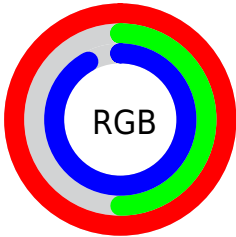
Format	Color
R _Y B	255, 127, 234
Decimal	16744426
CIE Lab	71.13, 61.95, -32.23
CIE LCh	71, 69.829, 332.516
Yxy	42.3793, 0.3374, 0.2246
Android (android.graphics.Color)	4294934506 (0xFFFF7FEA)
YUV	177.4700, 27.8693, 67.9938
Hunter-Lab	65.0994, 60.6861, -29.7191

Details

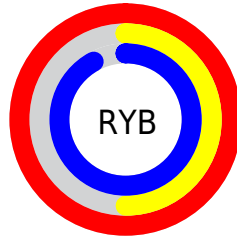
The Hex color **FF7FEA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **7FFF94**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFB8FF**, and **C447B2** is the 20% darker color. If you saturate the color by 10%, you get **FF66E6**, and if you desaturate by 10%, it is **FF99EE**.

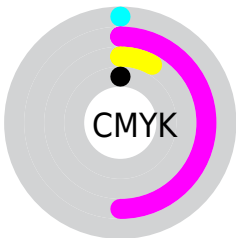
Distribution



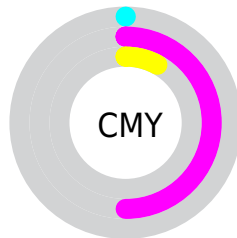
- Red (100%)
- Green (50%)
- Blue (92%)



- Red (100%)
- Yellow (50%)
- Blue (92%)



- Cyan (0%)
- Magenta (50%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7FEA 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 FF7FEA by changing the saturation by 10% instead.

 FF7FEA

 FF7FEA

FFFFFF

 E163CE

 FFB8FF

 C447B2

 FFD5FF

 A72897

 FFF2FF

 8B007D

 6F0064

 54004B

 3B0034

 1E001E

 000000

 FF7FEA

 FF7FEA

 FF66E6

 FF99EE

 FF4CE2

 FFB2F2

 FF33DD

 FFCCF7

 FF19D9

 FFE5FB

 FF00D5

 FFFFFFFF

Harmonies

Analogous

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



B69BFF



FF7FEA



FF70AB

Triad

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



FF7FEA



C9AD1A



00CBF1

Complementary

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



FF7FEA



7FFF94

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.



00CCB2



FF7FEA



89BE38

Square

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



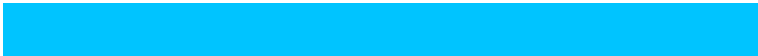
FF7FEA



FC9539



00C870



00C4FF

Rectangle

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



FF7FEA



FF7581



00C870



00CCDD

Sweetspot

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



FF7FEA



FFD9F9



927FFF



80697C



000000



808080

Same Dimension

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



FF7FEA



FF66E6



FF7FAC



80737D



BF00A0



400035

Inverse Universe

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



FF7FEA



FF66E6



7FFFD2



80737D



BF00A0



400035

Previews

White Background



This preview shows how the Hex color FF7FEA looks on a white background.

Color Contrast Check

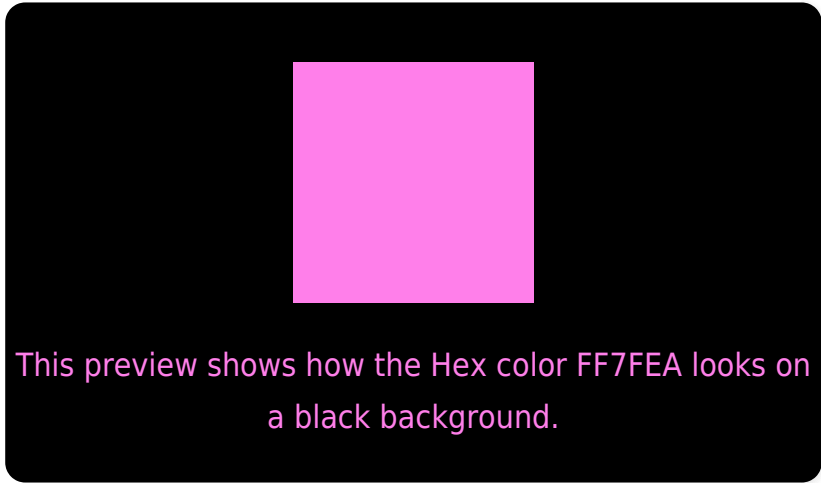
Large Text (above 18pt) WCAG AA × Fail

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 FF7FEA Background



This preview shows how black text looks on a background with the Hex color FF7FEA.

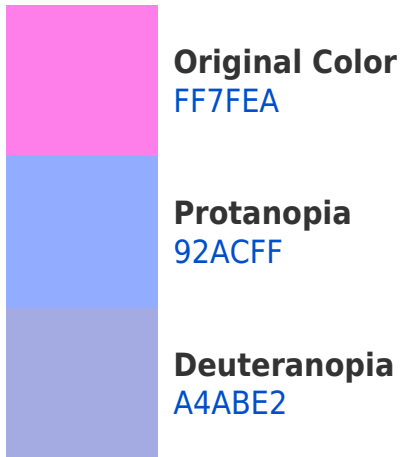



This preview shows how white text looks on a background with the Hex color FF7FEA.

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
F6919C

Trichromacy



Original Color
FF7FEA



Protanomaly
BA9CF7



Deuteranomaly
C59BE5



Tritanomaly
F98AB8

Monochromacy



Original Color
FF7FEA



Achromatopsia
B1B1B1



Achromatomaly
CD9FC6

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7FEA 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 #FF7FEA looks like.

```
.text, #text, p{  
    color:#FF7FEA  
}
```

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 #FF7FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7FEA
}
```

Border

The CSS property to change the border of an element to Hex FF7FEA 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
#FF7FEA }
```

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

```
.border{ border-color:#FF7FEA }
```

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

Here you see how a box with a 4 pixel #FF7FEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7FEA; -webkit-box-shadow:4px 4px  
4px 4px #FF7FEA; box-shadow:4px 4px 4px  
4px #FF7FEA }
```

Background

The CSS property to change the background color of an element to Hex FF7FEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7FEA }
```

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

```
.background{ background-color:#FF7FEA }
```

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