

Converting Colors

Hex(7FE7FA)

Have a look what the booklet for
Hex(7FE7FA) contains.

Hex(7FE7FA)	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(7FE7FA)

Conversions

Conversions Part 1

Format	Color
Hex	7FE7FA
RGB	127, 231, 250
RGB Percent	50%, 91%, 98%
CMY	0.5020, 0.0941, 0.0196
CMYK	0.49, 0.08, 0.00, 0.02
HSL	189°, 92%, 74%
HSV	189°, 49%, 98%
XYZ	54.5836, 68.5660, 100.8002
YIQ	202.0700, -68.0830, -16.1390

Conversions

Conversions Part 2

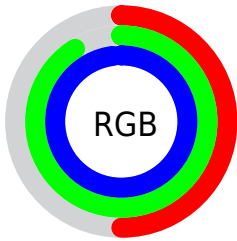
Format	Color
RYB	127, 183, 250
Decimal	8382458
CIELab	86.29, -25.30, -18.56
CIELCh	86, 31.377, 216.272
Yxy	68.5660, 0.2437, 0.3062
Android (android.graphics.Color)	4286572538 (0xFF7FE7FA)
YUV	202.0700, 23.6295, -65.8364
Hunter-Lab	82.8046, -27.2433, -14.2121

Details

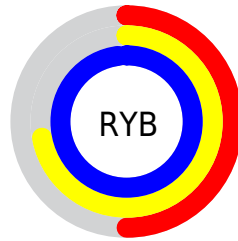
The Hex color **7FE7FA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FA927F**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **BAFFFF**, and **40AFC2** is the 20% darker color. If you saturate the color by 10%, you get **66E3FA**, and if you desaturate by 10%, it is **98EBFA**.

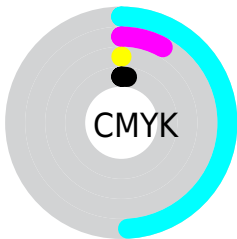
Distribution



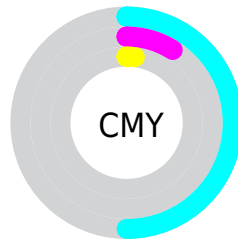
- Red (50%)
- Green (91%)
- Blue (98%)



- Red (50%)
- Yellow (72%)
- Blue (98%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FE7FA 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 7FE7FA by changing the saturation by 10% instead.

 7FE7FA

 7FE7FA

FFFFFF

 61CBDD

 BAFFFF

 40AFC2

 D8FFFF

 1494A6

 F6FFFF

 007A8C

 006172

 00495A

 003242

 001F2C

 000118

 7FE7FA

 7FE7FA

 66E3FA

 98EBFA

 4DDFFA

 B1EFFA

 34DBFA

 CAF3FA

 1BD8FA

 E3F6FA

 02D4FA

 FCFAFA

 00D3FA

 FFFEFA

 FFFFFA

Harmonies

Analogous

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



88E9DD



7FE7FA



94E1FF

Triad

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



7FE7FA



FFC5F0



E7D89D

Complementary

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



7FE7FA



FA927F

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.



FFCEA2



7FE7FA



FFC2D3

Square

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



7FE7FA



E4CEFF



FFC6B6



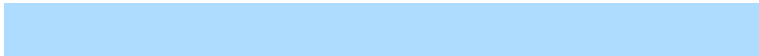
C7E1A7

Rectangle

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



7FE7FA



AEDCFF



FFC6B6



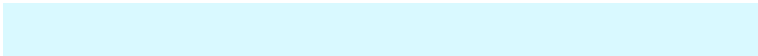
F1D59D

Sweetspot

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



7FE7FA



D9F9FF



7FFA91



697C80



000000



808080

Same Dimension

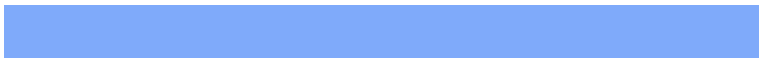
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7FE7FA



69E8FF



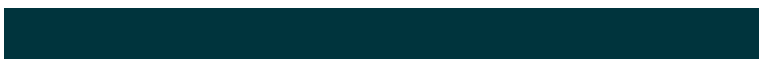
7FAAFA



707B7D



00A0BD



00343D

Inverse Universe

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



FA7FE7



FF69E8



FACF7F



7D707B



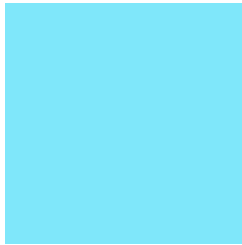
BD00A0



3D0034

Previews

White Background



This preview shows how the Hex color 7FE7FA looks on a white background.

Color Contrast Check

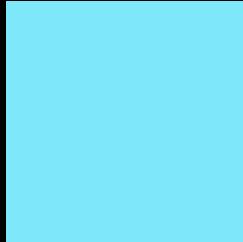
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7FE7FA looks on a 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 7FE7FA Background



This preview shows how black text looks on a background with the Hex color 7FE7FA.

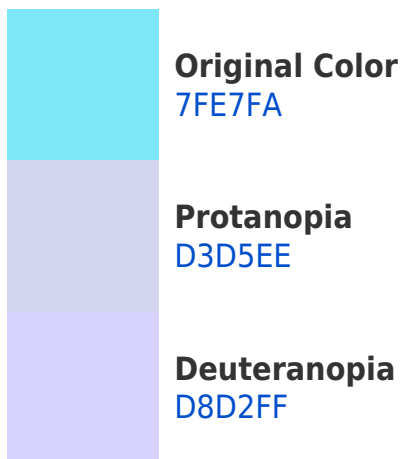


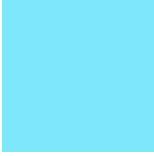
This preview shows how white text looks on a background with the Hex color 7FE7FA.

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



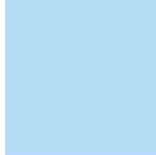


Tritanopia
7FE7FA

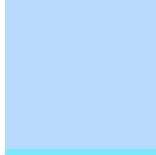
Trichromacy



Original Color
7FE7FA



Protanomaly
B4DCF2



Deuteranomaly
B8DAFD

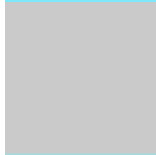


Tritanomaly
7FE7FA

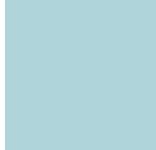
Monochromacy



Original Color
7FE7FA



Achromatopsia
CACACA



Achromatomaly
AFD5DB

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FE7FA 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 #7FE7FA looks like.

```
.text, #text, p{  
    color:#7FE7FA  
}
```

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 #7FE7FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE7FA
}
```

Border

The CSS property to change the border of an element to Hex 7FE7FA 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
#7FE7FA }
```

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

```
.border{ border-color:#7FE7FA }
```

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

Here you see how a box with a 4 pixel #7FE7FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE7FA; -webkit-box-shadow:4px 4px  
4px 4px #7FE7FA; box-shadow:4px 4px 4px  
4px #7FE7FA }
```

Background

The CSS property to change the background color of an element to Hex 7FE7FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE7FA }
```

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

```
.background{ background-color:#7FE7FA }
```

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