

Converting Colors

Hex(2FE6F7)

Have a look what the booklet for
Hex(2FE6F7) contains.

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Color

Hex(2FE6F7)

Conversions

Conversions Part 1

Format	Color
Hex	2FE6F7
RGB	47, 230, 247
RGB Percent	18%, 90%, 97%
CMY	0.8157, 0.0980, 0.0314
CMYK	0.81, 0.07, 0.00, 0.03
HSL	185°, 93%, 58%
HSV	185°, 81%, 97%
XYZ	46.2576, 63.9134, 97.8942
YIQ	177.2210, -114.5250, -33.5090

Conversions

Conversions Part 2

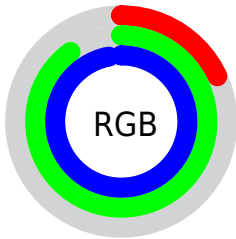
Format	Color
R _Y B	47, 143, 247
Decimal	3139319
CIE Lab	83.92, -37.40, -20.75
CIE LCh	84, 42.771, 209.029
Yxy	63.9134, 0.2223, 0.3072
Android (android.graphics.Color)	4281329399 (0xFF2FE6F7)
YUV	177.2210, 34.4010, -114.2038
Hunter-Lab	79.9458, -36.6230, -16.6389

Details

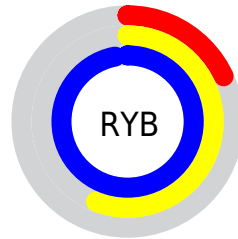
The Hex color **2FE6F7** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F7402F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **81FFFF**, and **00AEBF** is the 20% darker color. If you saturate the color by 10%, you get **16E4F7**, and if you desaturate by 10%, it is **48E8F7**.

Distribution



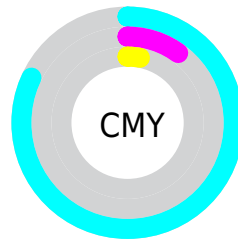
- Red (18%)
- Green (90%)
- Blue (97%)



- Red (18%)
- Yellow (56%)
- Blue (97%)



- Cyan (81%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (82%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FE6F7 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 2FE6F7 by changing the saturation by 10% instead.

 2FE6F7

 2FE6F7

FFFFFF

 00CADA

 81FFFF

 00AEBF

 A2FFFF

 0093A4

 C3FFFF

 007989

 E2FFFF

 005F70

 004757

 002F40

 00182A

 000115

 2FE6F7

 2FE6F7

 16E4F7

 48E8F7

 00E2F7

 60EAF7

 79ECF7

 92EEF7

 ABF0F7

 C3F3F7

 DCF5F7

 F5F7F7

 FFF9F7

Harmonies

Analogous

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



5FE7CF



2FE6F7



50E0FF

Triad

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



2FE6F7



FFBAFB



EDCE80

Complementary

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



2FE6F7



F7402F

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.



FFC08D



2FE6F7



FFB2D4

Square

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



2FE6F7



D4C7FF



FFB5AC



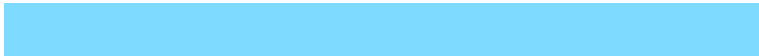
C3DB89

Rectangle

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



2FE6F7



7EDAFF



FFB5AC



F9CA82

Sweetspot

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



2FE6F7



C2FAFF



2FF740



5B7C80



000000



808080

Same Dimension

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



2FE6F7



08EAF7



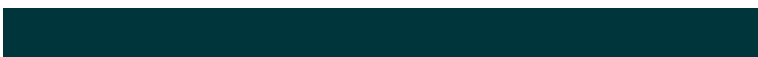
2F82F7



6E797A



00AABA



00363B

Inverse Universe

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



F72FE6



FF08EA



F7A42F



7A6E79



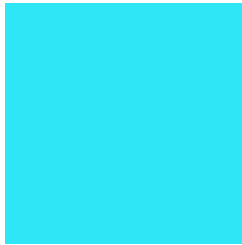
BA00AA



3B0036

Previews

White Background



This preview shows how the Hex color 2FE6F7 looks on a white background.

Color Contrast Check

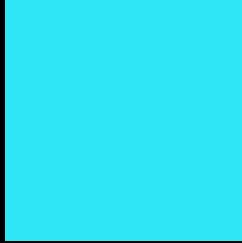
Large Text (above 18pt) WCAG AA × Fail

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 2FE6F7 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 2FE6F7 Background



This preview shows how black text looks on a background with the Hex color 2FE6F7.

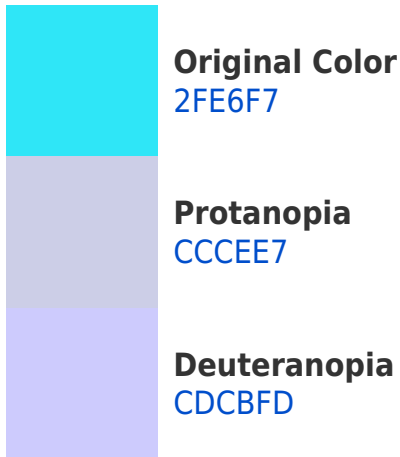


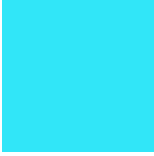
This preview shows how white text looks on a background with the Hex color 2FE6F7.

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



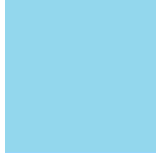


Tritanopia
31E6F8

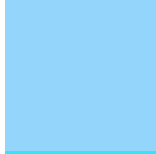
Trichromacy



Original Color
2FE6F7



Protanomaly
93D7ED

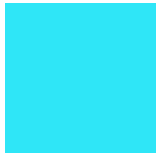


Deuteranomaly
94D5FB

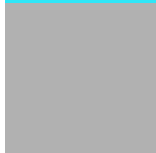


Tritanomaly
30E6F8

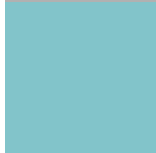
Monochromacy



Original Color
2FE6F7



Achromatopsia
B1B1B1



Achromatomaly
82C4CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FE6F7 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 #2FE6F7 looks like.

```
.text, #text, p{  
    color:#2FE6F7  
}
```

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 #2FE6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FE6F7
}
```

Border

The CSS property to change the border of an element to Hex 2FE6F7 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
#2FE6F7 }
```

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

```
.border{ border-color:#2FE6F7 }
```

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

Here you see how a box with a 4 pixel #2FE6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FE6F7; -webkit-box-shadow:4px 4px  
4px 4px #2FE6F7; box-shadow:4px 4px 4px  
4px #2FE6F7 }
```

Background

The CSS property to change the background color of an element to Hex 2FE6F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FE6F7 }
```

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

```
.background{ background-color:#2FE6F7 }
```

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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