

Converting Colors

Hex(4FE2F7)

Have a look what the booklet for
Hex(4FE2F7) contains.

Hex(4FE2F7)	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(4FE2F7)

Conversions

Conversions Part 1

Format	Color
Hex	4FE2F7
RGB	79, 226, 247
RGB Percent	31%, 89%, 97%
CMY	0.6902, 0.1137, 0.0314
CMYK	0.68, 0.09, 0.00, 0.03
HSL	188°, 91%, 64%
HSV	188°, 68%, 97%
XYZ	47.2093, 62.7704, 97.6234
YIQ	184.4410, -94.3530, -24.6330

Conversions

Conversions Part 2

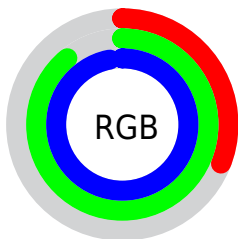
Format	Color
R _Y B	79, 157, 247
Decimal	5235447
CIE Lab	83.32, -32.14, -21.61
CIE LCh	83, 38.726, 213.919
Yxy	62.7704, 0.2274, 0.3024
Android (android.graphics.Color)	4283425527 (0xFF4FE2F7)
YUV	184.4410, 30.8416, -92.4718
Hunter-Lab	79.2278, -32.2861, -17.5969

Details

The Hex color **4FE2F7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F7644F**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **93FFFF**, and **00AABF** is the 20% darker color. If you saturate the color by 10%, you get **36DFF7**, and if you desaturate by 10%, it is **68E5F7**.

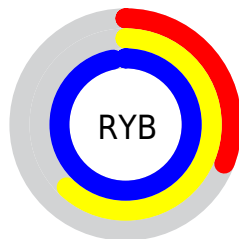
Distribution



Red (31%)

Green (89%)

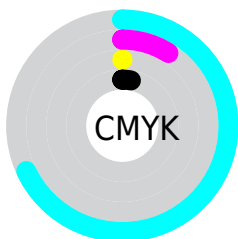
Blue (97%)



Red (31%)

Yellow (62%)

Blue (97%)

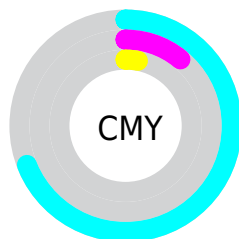


Cyan (68%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (69%)

Magenta (11%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FE2F7 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 4FE2F7 by changing the saturation by 10% instead.

 4FE2F7

 4FE2F7

FFFFFF

 1EC6DA

 93FFFF

 00AABF

 B3FFFF

 008FA4

 D2FFFF

 007589

 F1FFFF

 005C70

 004457

 002D40

 00162A

 000115

 4FE2F7

 4FE2F7

 36DFF7

 68E5F7

 1EDCF7

 80E8F7

 05D9F7

 99EBF7

 00D8F7

 B2EEF7

 CBF1F7

 E3F5F7

 FCF8F7

 FFFBF7

 FFFEF7

Harmonies

Analogous

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



66E3D3



4FE2F7



6DDCFF

Triad

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



4FE2F7



FFB9F0



E4CF86

Complementary

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



4FE2F7



F7644F

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.



FFC28F



4FE2F7



FFB4CC

Square

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



4FE2F7



DBC4FF



FFB8A9



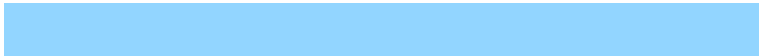
BDDA92

Rectangle

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



4FE2F7



92D5FF



FFB8A9



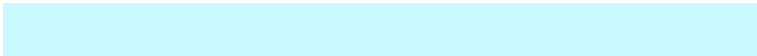
EFCB87

Sweetspot

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



4FE2F7



CCF9FF



4FF763



617C80



000000



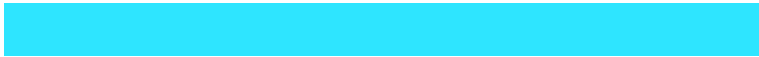
808080

Same Dimension

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



4FE2F7



2EE5FF



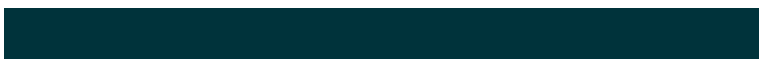
4F8FF7



6E797A



00A3BA



00333B

Inverse Universe

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



F74FE2



FF2EE5



F7B74F



7A6E79



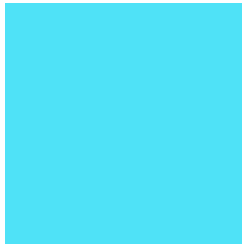
BA00A3



3B0033

Previews

White Background



This preview shows how the Hex color 4FE2F7 looks on a white background.

Color Contrast Check

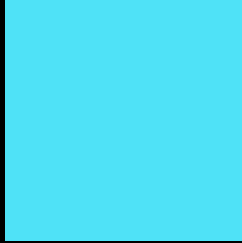
Large Text (above 18pt) WCAG AA × Fail

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 4FE2F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

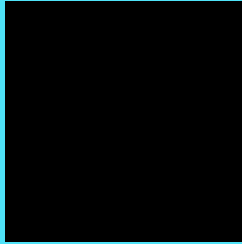
Any Text WCAG AA ✓ Pass

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 4FE2F7 Background



This preview shows how black text looks on a background with the Hex color 4FE2F7.

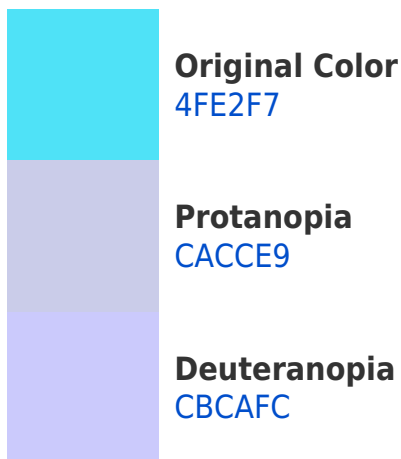


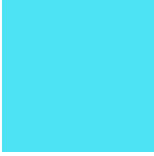
This preview shows how white text looks on a background with the Hex color 4FE2F7.

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



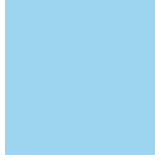


Tritanopia
4EE2F5

Trichromacy



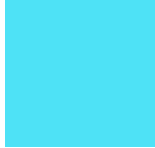
Original Color
4FE2F7



Protanomaly
9DD4EE



Deuteranomaly
9ED3FA

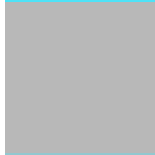


Tritanomaly
4EE2F6

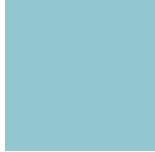
Monochromacy



Original Color
4FE2F7



Achromatopsia
B8B8B8



Achromatomaly
92C7CF

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FE2F7 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 #4FE2F7 looks like.

```
.text, #text, p{  
    color:#4FE2F7  
}
```

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 #4FE2F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FE2F7
}
```

Border

The CSS property to change the border of an element to Hex 4FE2F7 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
#4FE2F7 }
```

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

```
.border{ border-color:#4FE2F7 }
```

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

Here you see how a box with a 4 pixel #4FE2F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FE2F7; -webkit-box-shadow:4px 4px  
4px 4px #4FE2F7; box-shadow:4px 4px 4px  
4px #4FE2F7 }
```

Background

The CSS property to change the background color of an element to Hex 4FE2F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FE2F7 }
```

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

```
.background{ background-color:#4FE2F7 }
```

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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