

Converting Colors

Hex(4FF7EB)

Have a look what the booklet for
Hex(4FF7EB) contains.

Hex(4FF7EB)	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(4FF7EB)

Conversions

Conversions Part 1

Format	Color
Hex	4FF7EB
RGB	79, 247, 235
RGB Percent	31%, 97%, 92%
CMY	0.6902, 0.0314, 0.0784
CMYK	0.68, 0.00, 0.05, 0.03
HSL	176°, 91%, 64%
HSV	176°, 68%, 97%
XYZ	51.4806, 74.1820, 90.2025
YIQ	195.4000, -96.2760, -39.3480

Conversions

Conversions Part 2

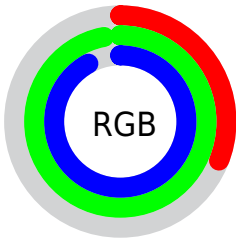
Format	Color
RYB	79, 166, 247
Decimal	5240811
CIELab	89.01, -45.05, -6.79
CIELCh	89, 45.558, 188.570
Yxy	74.1820, 0.2385, 0.3436
Android (android.graphics.Color)	4283430891 (0xFF4FF7EB)
YUV	195.4000, 19.5228, -102.0828
Hunter-Lab	86.1289, -44.0334, -1.8039

Details

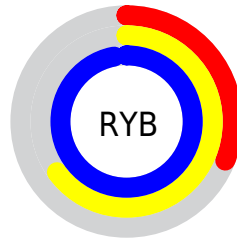
The Hex color **4FF7EB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F74F5B**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **94FFFF**, and **00BEB3** is the 20% darker color. If you saturate the color by 10%, you get **36F7E9**, and if you desaturate by 10%, it is **68F7ED**.

Distribution



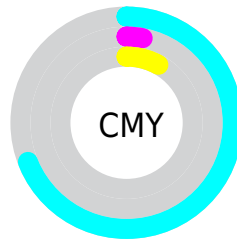
- Red (31%)
- Green (97%)
- Blue (92%)



- Red (31%)
- Yellow (65%)
- Blue (97%)



- Cyan (68%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)



- Cyan (69%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FF7EB 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 4FF7EB by changing the saturation by 10% instead.

 4FF7EB

FFFFFF

 94FFFF

 B4FFFF

 D4FFFF

 F3FFFF

 4FF7EB

 1CDACF

 00BEB3

 00A299

 00877F

 006D66

 00544E

 003C37

 002622

 00000C

 4FF7EB

 4FF7EB

 36F7E9

 68F7ED

 1EF7E7

 80F7EF

 05F7E6

 99F7F0

 00F7E5

 B2F7F2

 CBF7F4

 E3F7F6

 FCF7F7

 FFF7F9

 FFF7FB

Harmonies

Analogous

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



8BF4BE



4FF7EB



2AF5FF

Triad

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



4FF7EB



F5D0FF



FFD28F

Complementary

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



4FF7EB



F74F5B

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.



FFC4AB



4FF7EB



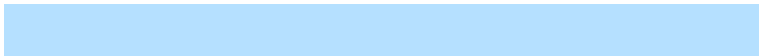
FFC2FF

Square

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



4FF7EB



B5E0FF



FFBED5



F0E188

Rectangle

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



4FF7EB



51F0FF



FFBED5



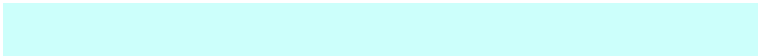
FFCD97

Sweetspot

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



4FF7EB



CCFFFB



5DF74F



61807D



000000



808080

Same Dimension

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



4FF7EB



2EFFF0



4FB1F7



6E7A7A



00BAAD



003B36

Inverse Universe

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



F74F5B



FF2E3D



F7954F



7A6E6F



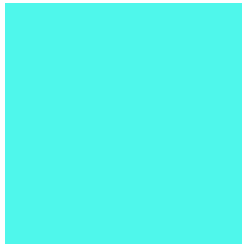
BA000D



3B0004

Previews

White Background



This preview shows how the Hex color 4FF7EB looks on a white background.

Color Contrast Check

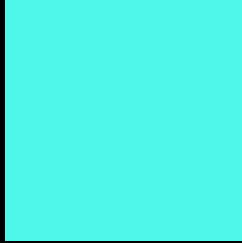
Large Text (above 18pt) WCAG AA × Fail

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 4FF7EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

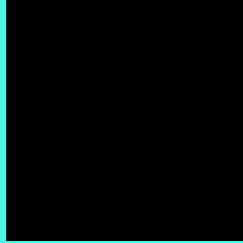
Any Text WCAG AA ✓ Pass

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 4FF7EB Background



This preview shows how black text looks on a background with the Hex color 4FF7EB.

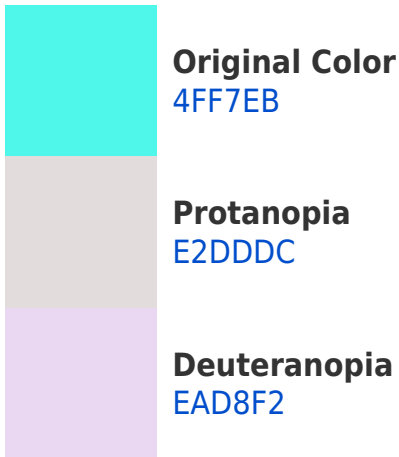


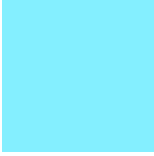
This preview shows how white text looks on a background with the Hex color 4FF7EB.

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



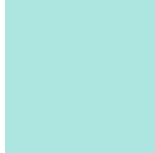


Tritanopia
84EFFF

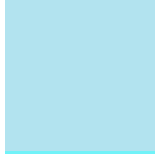
Trichromacy



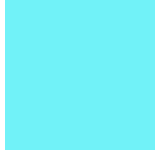
Original Color
4FF7EB



Protanomaly
ADE6E1



Deuteranomaly
B2E3EF

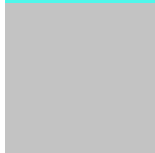


Tritanomaly
71F2F8

Monochromacy



Original Color
4FF7EB



Achromatopsia
C3C3C3



Achromatomaly
99D6D2

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FF7EB 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 #4FF7EB looks like.

```
.text, #text, p{  
    color:#4FF7EB  
}
```

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 #4FF7EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FF7EB
}
```

Border

The CSS property to change the border of an element to Hex 4FF7EB 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
#4FF7EB }
```

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

```
.border{ border-color:#4FF7EB }
```

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

Here you see how a box with a 4 pixel #4FF7EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FF7EB; -webkit-box-shadow:4px 4px  
4px 4px #4FF7EB; box-shadow:4px 4px 4px  
4px #4FF7EB }
```

Background

The CSS property to change the background color of an element to Hex 4FF7EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FF7EB }
```

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

```
.background{ background-color:#4FF7EB }
```

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