

Converting Colors

Hex(4FF7BF)

Have a look what the booklet for
Hex(4FF7BF) contains.

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Color

Hex(4FF7BF)

Conversions

Conversions Part 1

Format	Color
Hex	4FF7BF
RGB	79, 247, 191
RGB Percent	31%, 97%, 75%
CMY	0.6902, 0.0314, 0.2510
CMYK	0.68, 0.00, 0.23, 0.03
HSL	160°, 91%, 64%
HSV	160°, 68%, 97%
XYZ	45.8892, 71.9454, 60.7585
YIQ	190.3840, -82.1520, -53.0320

Conversions

Conversions Part 2

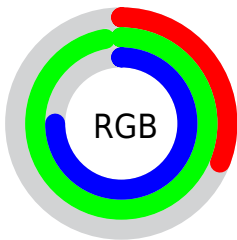
Format	Color
R _Y B	79, 180, 247
Decimal	5240767
CIE Lab	87.94, -55.78, 14.55
CIE LCh	88, 57.647, 165.376
Yxy	71.9454, 0.2569, 0.4028
Android (android.graphics.Color)	4283430847 (0xFF4FF7BF)
YUV	190.3840, 0.3037, -97.6838
Hunter-Lab	84.8206, -51.8650, 16.9040

Details

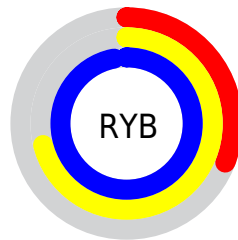
The Hex color **4FF7BF** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed spring green. A complement of this color would be **F74F87**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **92FFF7**, and **00BE8A** is the 20% darker color. If you saturate the color by 10%, you get **36F7B7**, and if you desaturate by 10%, it is **68F7C7**.

Distribution



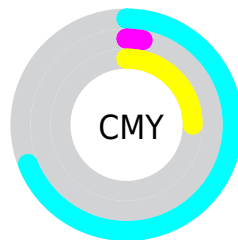
- Red (31%)
- Green (97%)
- Blue (75%)



- Red (31%)
- Yellow (71%)
- Blue (97%)



- Cyan (68%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (69%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FF7BF 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 4FF7BF by changing the saturation by 10% instead.

 4FF7BF

FFFFFF

 92FFF7

 B1FFF7

 D0FFF7

 F0FFF7

 4FF7BF

 21DAA4

 00BE8A

 00A270

 008757

 006C40

 00532A

 003A15

 002300

 000000

 4FF7BF

 4FF7BF

 36F7B7

 68F7C7

 1EF7AF

 80F7CF

 05F7A6

 99F7D8

 00F7A5

 B2F7E0

 CBF7E8

 E3F7F0

 FCF7F9

 FFF7FF

Harmonies

Analogous

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



A5F08D



4FF7BF



00F9F8

Triad

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



4FF7BF



B6D8FF



FFBC91

Complementary

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



4FF7BF



F74F87

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.



FFB0C2



4FF7BF



FFC3FF

Square

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



4FF7BF



27EAFB



FFB3FA



FFD071

Rectangle

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



4FF7BF



00F7FF



FFB3FA



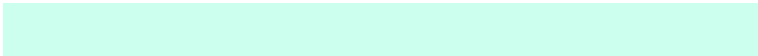
FFB7A0

Sweetspot

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



4FF7BF



CCFFEE



87F74F



618075



000000



808080

Same Dimension

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



4FF7BF



2EFFB9



4FDBF7



6E7A76



00BA7C



003B27

Inverse Universe

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



F74F87



FF2E74



F76B4F



7A6E72



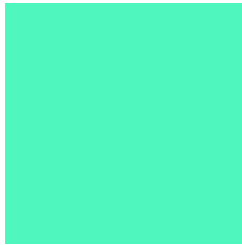
BA003E



3B0014

Previews

White Background



This preview shows how the Hex color 4FF7BF looks on a white background.

Color Contrast Check

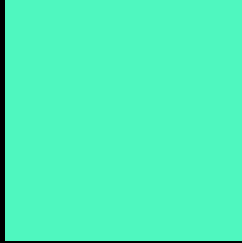
Large Text (above 18pt) WCAG AA × Fail

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 4FF7BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

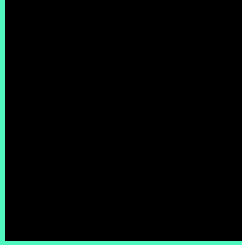
Any Text WCAG AA ✓ Pass

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 4FF7BF Background



This preview shows how black text looks on a background with the Hex color 4FF7BF.

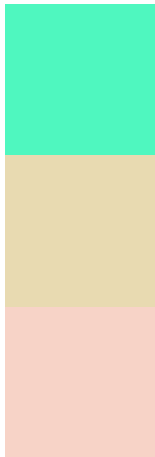


This preview shows how white text looks on a background with the Hex color 4FF7BF.

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](#).

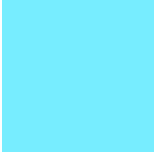
Dichromacy



Original Color
4FF7BF

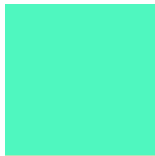
Protanopia
E8DAB1

Deuteranopia
F7D3C7



Tritanopia
77EDFF

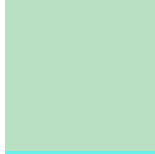
Trichromacy



Original Color
4FF7BF



Protanomaly
B0E5B6



Deuteranomaly
BAE0C4

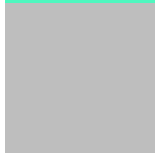


Tritanomaly
68F1E8

Monochromacy



Original Color
4FF7BF



Achromatopsia
BEBEBE



Achromatomaly
96D3BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FF7BF 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 #4FF7BF looks like.

```
.text, #text, p{  
    color:#4FF7BF  
}
```

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 #4FF7BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FF7BF
}
```

Border

The CSS property to change the border of an element to Hex 4FF7BF 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
#4FF7BF }
```

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

```
.border{ border-color:#4FF7BF }
```

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

Here you see how a box with a 4 pixel #4FF7BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FF7BF; -webkit-box-shadow:4px 4px  
4px 4px #4FF7BF; box-shadow:4px 4px 4px  
4px #4FF7BF }
```

Background

The CSS property to change the background color of an element to Hex 4FF7BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FF7BF }
```

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

```
.background{ background-color:#4FF7BF }
```

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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