

Converting Colors

Hex(4BFFD7)

Have a look what the booklet for
Hex(4BFFD7) contains.

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Color

Hex(4BFFD7)

Conversions

Conversions Part 1

Format	Color
Hex	4BFFD7
RGB	75, 255, 215
RGB Percent	29%, 100%, 84%
CMY	0.7059, 0.0000, 0.1569
CMYK	0.71, 0.00, 0.16, 0.00
HSL	167°, 100%, 65%
HSV	167°, 71%, 100%
XYZ	50.9274, 77.9222, 76.6463
YIQ	196.6200, -94.4400, -50.6000

Conversions

Conversions Part 2

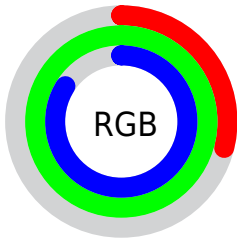
Format	Color
RYB	75, 176, 255
Decimal	4980695
CIELab	90.74, -54.00, 6.13
CIElCh	91, 54.344, 173.524
Yxy	77.9222, 0.2478, 0.3792
Android (android.graphics.Color)	4283170775 (0xFF4BFFD7)
YUV	196.6200, 9.0613, -106.6607
Hunter-Lab	88.2735, -51.4972, 10.3110

Details

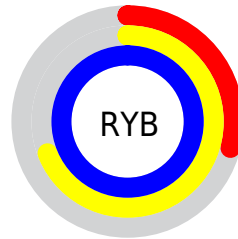
The Hex color **4BFFD7** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF4B73**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **91FFFF**, and **00C5A0** is the 20% darker color. If you saturate the color by 10%, you get **32FFD1**, and if you desaturate by 10%, it is **65FFDD**.

Distribution



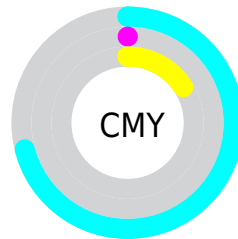
- Red (29%)
- Green (100%)
- Blue (84%)



- Red (29%)
- Yellow (69%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BFFD7 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 4BFFD7 by changing the saturation by 10% instead.

 4BFFD7

FFFFFF


 91FFFF

 B1FFFF

 D1FFFF

 F1FFFF

 4BFFD7

 11E2BB

 00C5A0

 00A986

 008E6D

 007355

 005A3D

 004128

 002A13

 000500

 4BFFD7

 4BFFD7

 32FFD1

 65FFDD

 18FFCC

 7EFFE2

 00FFC6

 98FFE8

 B1FFEE

 CBFFF3

 E4FFF9

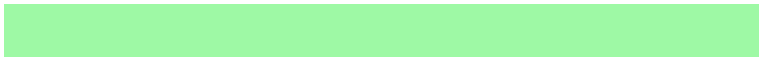
FEFFFF

FFFFFF

Harmonies

Analogous

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



9EF9A5



4BFFD7



00FFFF

Triad

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



4BFFD7



D8DBFF



FFCB92

Complementary

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



4BFFD7



FF4B73

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.



FFDBE



4BFFD7



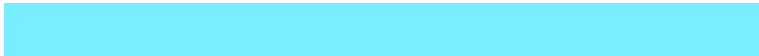
FFC8FF

Square

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



4BFFD7



79EDFF



FFBBF2



FFDE7C

Rectangle

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



4BFFD7



00FCFF



FFBBF2



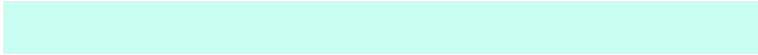
FFC59F

Sweetspot

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



4BFFD7



C9FFF3



75FF4B



608078



000000



808080

Same Dimension

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



4BFFD7



26FFCF



4BCFFF



73807D



00BF95



004032

Inverse Universe

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



FF4B73



FF2656



FF7B4B



807376



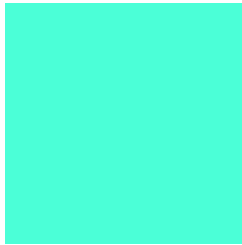
BF002B



40000E

Previews

White Background



This preview shows how the Hex color 4BFFD7 looks on a white background.

Color Contrast Check

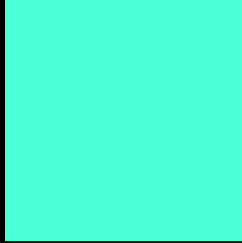
Large Text (above 18pt) WCAG AA × Fail

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 4BFFD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

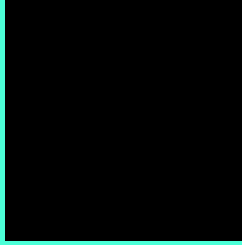
Any Text WCAG AA ✓ Pass

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 4BFFD7 Background



This preview shows how black text looks on a background with the Hex color 4BFFD7.

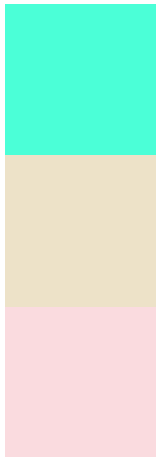


This preview shows how white text looks on a background with the Hex color 4BFFD7.

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](#).

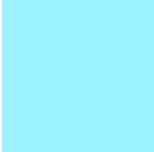
Dichromacy



Original Color
4BFFD7

Protanopia
EDE2C8

Deuteranopia
FADBDF

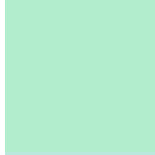


Tritanopia
9CF1FF

Trichromacy



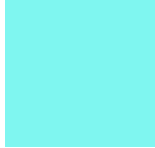
Original Color
4BFFD7



Protanomaly
B2EDCD



Deuteranomaly
BAE8DC

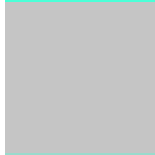


Tritanomaly
7FF6F0

Monochromacy



Original Color
4BFFD7



Achromatopsia
C5C5C5



Achromatomaly
99DACC

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BFFD7 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 #4BFFD7 looks like.

```
.text, #text, p{  
    color:#4BFFD7  
}
```

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 #4BFFD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BFFD7
}
```

Border

The CSS property to change the border of an element to Hex 4BFFD7 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
#4BFFD7 }
```

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

```
.border{ border-color:#4BFFD7 }
```

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

Here you see how a box with a 4 pixel #4BFFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BFFD7; -webkit-box-shadow:4px 4px  
4px 4px #4BFFD7; box-shadow:4px 4px 4px  
4px #4BFFD7 }
```

Background

The CSS property to change the background color of an element to Hex 4BFFD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BFFD7 }
```

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

```
.background{ background-color:#4BFFD7 }
```

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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