

Converting Colors

Hex(4BFFDF)

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

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Color

Hex(4BFFDF)

Conversions

Conversions Part 1

Format	Color
Hex	4BFFDF
RGB	75, 255, 223
RGB Percent	29%, 100%, 87%
CMY	0.7059, 0.0000, 0.1255
CMYK	0.71, 0.00, 0.13, 0.00
HSL	169°, 100%, 65%
HSV	169°, 71%, 100%
XYZ	51.9809, 78.3436, 82.1942
YIQ	197.5320, -97.0080, -48.1120

Conversions

Conversions Part 2

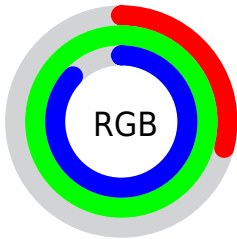
Format	Color
RYB	75, 174, 255
Decimal	4980703
CIELab	90.94, -52.04, 2.27
CIELCh	91, 52.094, 177.505
Yxy	78.3436, 0.2446, 0.3686
Android (android.graphics.Color)	4283170783 (0xFF4BFFDF)
YUV	197.5320, 12.5557, -107.4606
Hunter-Lab	88.5119, -50.0670, 6.9003

Details

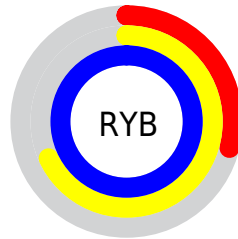
The Hex color **4BFFDF** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF4B6B**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **92FFFF**, and **00C5A8** is the 20% darker color. If you saturate the color by 10%, you get **32FFDA**, and if you desaturate by 10%, it is **65FFE4**.

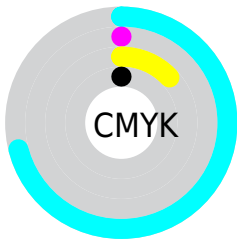
Distribution



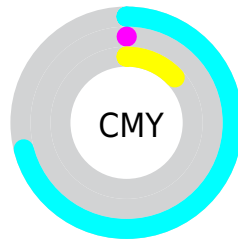
- Red (29%)
- Green (100%)
- Blue (87%)



- Red (29%)
- Yellow (68%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 4BFFDF

 4BFFDF

FFFFFF

 0FE2C3

 92FFFF

 00C5A8

 B2FFFF

 00A98E

 D2FFFF

 008E74

 F1FFFF

 00745C

 005A44

 00412E

 002B19

 000600

 4BFFDF

 4BFFDF

 32FFDA

 65FFE4

 18FFD6

 7EFFE8

 00FFD2

 98FFED

 B1FFF1

 CBFFF6

 E4FFFA

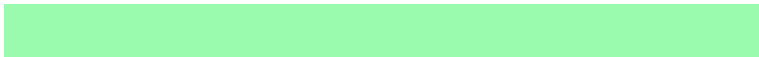
FEFFFF

FFFFFF

Harmonies

Analogous

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



9AFAAE



4BFFDF



00FEFF

Triad

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



4BFFDF



E4DAFF



FFCF92

Complementary

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



4BFFDF



FF4B6B

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.



FFC1BA



4BFFDF



FFC8FF

Square

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



4BFFDF



8FEBFF



FFBDEB



FFE180

Rectangle

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



4BFFDF



00BFFF



FFBDEB



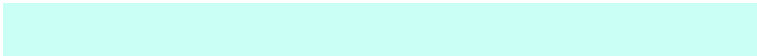
FFCA9D

Sweetspot

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



4BFFDF



C9FFF5



6CFF4B



60807A



000000



808080

Same Dimension

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



4BFFDF



26FFD8



4BC6FF



73807D



00BF9D



004034

Inverse Universe

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



FF4B6B



FF264D



FF844B



807375



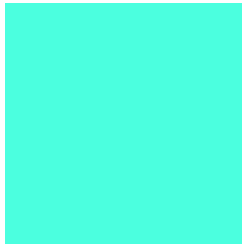
BF0022



40000B

Previews

White Background



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

Color Contrast Check

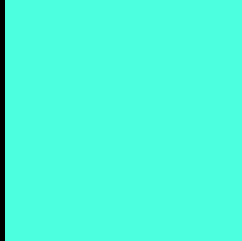
Large Text (above 18pt) WCAG AA × Fail

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 4BFFDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

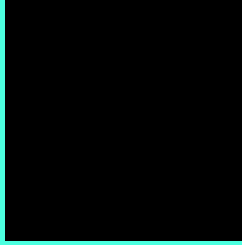
Any Text WCAG AA ✓ Pass

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 4BFFDF Background



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



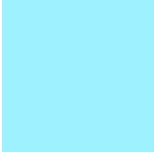
This preview shows how white text looks on a background with the Hex color 4BFFDF.

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](#).

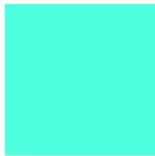
Dichromacy



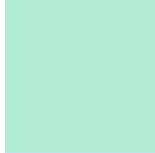


Tritanopia
9EF1FF

Trichromacy



Original Color
4BFFDF



Protanomaly
B1EDD5



Deuteranomaly
B8E9E4

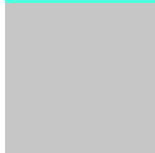


Tritanomaly
80F6F3

Monochromacy



Original Color
4BFFDF



Achromatopsia
C6C6C6



Achromatomaly
99DFCF

CSS Examples

Text

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

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

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 #4BFFDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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