

Converting Colors

Hex(4CFFCF)

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

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Color

Hex(4CFFCF)

Conversions

Conversions Part 1

Format	Color
Hex	4CFFCF
RGB	76, 255, 207
RGB Percent	30%, 100%, 81%
CMY	0.7020, 0.0000, 0.1882
CMYK	0.70, 0.00, 0.19, 0.00
HSL	164°, 100%, 65%
HSV	164°, 70%, 100%
XYZ	50.0030, 77.5615, 71.3669
YIQ	196.0070, -91.2760, -52.8760

Conversions

Conversions Part 2

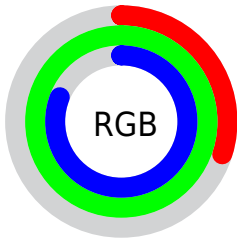
Format	Color
RYB	76, 179, 255
Decimal	5046223
CIELab	90.58, -55.76, 10.03
CIELCh	91, 56.653, 169.805
Yxy	77.5615, 0.2514, 0.3899
Android (android.graphics.Color)	4283236303 (0xFF4CFFCF)
YUV	196.0070, 5.4195, -105.2461
Hunter-Lab	88.0690, -52.7737, 13.6025

Details

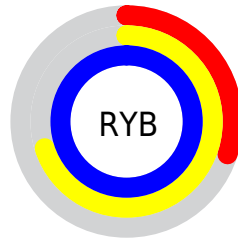
The Hex color **4CFFCF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF4C7C**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **92FFFF**, and **00C599** is the 20% darker color. If you saturate the color by 10%, you get **33FFC8**, and if you desaturate by 10%, it is **66FFD6**.

Distribution



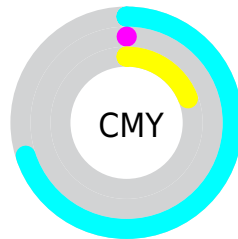
- Red (30%)
- Green (100%)
- Blue (81%)



- Red (30%)
- Yellow (70%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 4CFFCF

 4CFFCF

FFFFFF

 15E2B3

 92FFFF

 00C599

 B2FFFF

 00A97F

 D1FFFF

 008E66

 F1FFFF

 00734E

 005937

 004021

 002A0C

 000400

 4CFFCF

 4CFFCF

 33FFC8

 66FFD6

 19FFC1

 7FFFDD

 00FFBB

 99FFE4

 B2FFEA

 CCFFF1

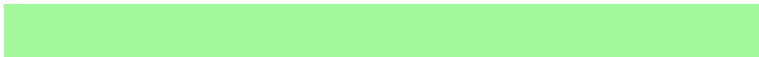
 E5FFF8

FFFFFF

Harmonies

Analogous

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



A3F89C



4CFFCF



00FFFF

Triad

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



4CFFCF



CCDDFF



FFC793

Complementary

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



4CFFCF



FF4C7C

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.



FFB9C2



4CFFCF



FFC8FF

Square

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



4CFFCF



5EEFFB



FFBAF9



FFDA78

Rectangle

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



4CFFCF



00DFFF



FFBAF9



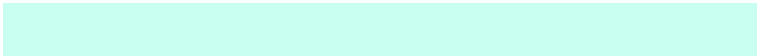
FFC1A1

Sweetspot

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



4CFFCF



C9FFF1



7FFF4C



608077



000000



808080

Same Dimension

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



4CFFCF



29FFC6



4CD8FF



73807C



00BF8C



00402F

Inverse Universe

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



FF4C7C



FF2962



FF734C



807376



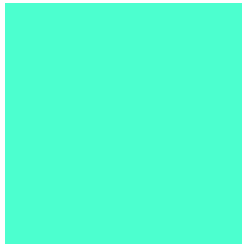
BF0033



400011

Previews

White Background



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

Color Contrast Check

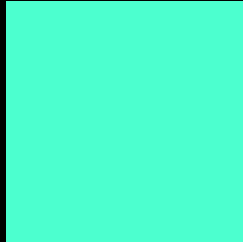
Large Text (above 18pt) WCAG AA × Fail

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 4CFFCF 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 4CFFCF Background



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

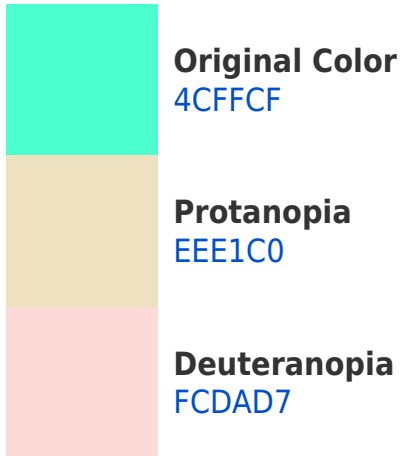


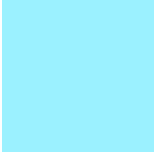
This preview shows how white text looks on a background with the Hex color 4CFFCF.

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](#).

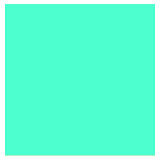
Dichromacy





Tritanopia
9BF1FF

Trichromacy



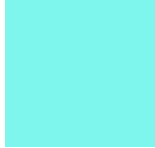
Original Color
4CFFCF



Protanomaly
B3ECC5



Deuteranomaly
BCE7D4

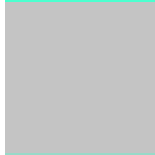


Tritanomaly
7EF6EE

Monochromacy



Original Color
4CFFCF



Achromatopsia
C4C4C4



Achromatomaly
98D9C8

CSS Examples

Text

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

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

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 #4CFFCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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