

Converting Colors

Hex(4CF1DB)

Have a look what the booklet for
Hex(4CF1DB) contains.

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Color

Hex(4CF1DB)

Conversions

Conversions Part 1

Format	Color
Hex	4CF1DB
RGB	76, 241, 219
RGB Percent	30%, 95%, 86%
CMY	0.7020, 0.0549, 0.1412
CMYK	0.68, 0.00, 0.09, 0.05
HSL	172°, 85%, 62%
HSV	172°, 68%, 95%
XYZ	47.2220, 69.5616, 77.9557
YIQ	189.1570, -91.2780, -41.8220

Conversions

Conversions Part 2

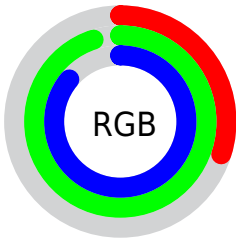
Format	Color
RYB	76, 164, 241
Decimal	5042651
CIELab	86.78, -47.01, -1.71
CIELCh	87, 47.045, 182.084
Yxy	69.5616, 0.2425, 0.3572
Android (android.graphics.Color)	4283232731 (0xFF4CF1DB)
YUV	189.1570, 14.7126, -99.2387
Hunter-Lab	83.4036, -44.8920, 2.9653

Details

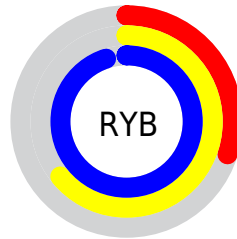
The Hex color **4CF1DB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F14C62**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **90FFFF**, and **00B8A4** is the 20% darker color. If you saturate the color by 10%, you get **34F1D8**, and if you desaturate by 10%, it is **64F1DE**.

Distribution



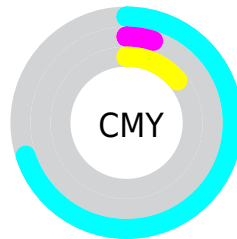
- Red (30%)
- Green (95%)
- Blue (86%)



- Red (30%)
- Yellow (64%)
- Blue (95%)



- Cyan (68%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)



- Cyan (70%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CF1DB 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 4CF1DB by changing the saturation by 10% instead.

 4CF1DB

 4CF1DB

FFFFFF

 19D4BF

 90FFFF

 00B8A4

 B0FFFF

 009D8A

 CFFFFFF

 008271

 EFFFFFF

 006858

 004F41

 00362B

 002017

 000000

 4CF1DB

 4CF1DB

 34F1D8

 64F1DE

 1CF1D5

 7CF1E1

 04F1D1

 94F1E5

 00F1D1

 ACF1E8

 C5F1EB

 DDF1EE

 F5F1F1

 FFF1F5

 FFF1F8

Harmonies

Analogous

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



8EEDAE



4CF1DB



00F0FF

Triad

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



4CF1DB



E2CDFE



FFC88B

Complementary

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



4CF1DB



F14C62

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.



FFBBAC



4CF1DB



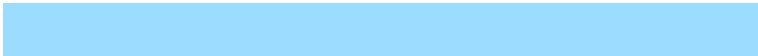
FFBDFF

Square

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



4CF1DB



9CDDFF



FFB6D8



F3D87F

Rectangle

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



4CF1DB



1DECFE



FFB6D8



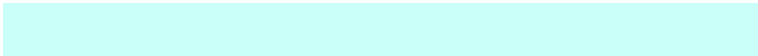
FFC394

Sweetspot

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



4CF1DB



C9FFF8



62F14C



60807B



000000



808080

Same Dimension

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



4CF1DB



2EFFE3



4CB4F1



6C7876



00B89F



003831

Inverse Universe

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



F14C62



FF2E4A



F1894C



786C6D



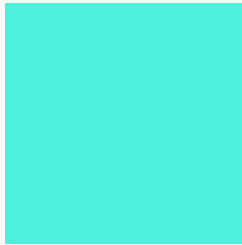
B80018



380007

Previews

White Background



This preview shows how the Hex color 4CF1DB looks on a white background.

Color Contrast Check

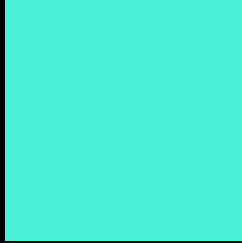
Large Text (above 18pt) WCAG AA × Fail

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 4CF1DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

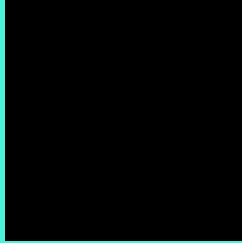
Any Text WCAG AA ✓ Pass

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 4CF1DB Background



This preview shows how black text looks on a background with the Hex color 4CF1DB.



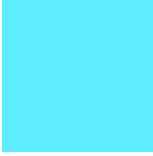
This preview shows how white text looks on a background with the Hex color 4CF1DB.

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



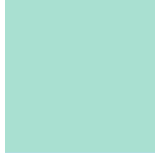


Tritanopia
5EECFE

Trichromacy



Original Color
4CF1DB



Protanomaly
A9E0D1



Deuteranomaly
AFDDDF

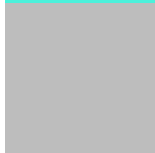


Tritanomaly
57EEF2

Monochromacy



Original Color
4CF1DB



Achromatopsia
BDBDBD



Achromatomaly
94D0C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CF1DB 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 #4CF1DB looks like.

```
.text, #text, p{  
    color:#4CF1DB  
}
```

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 #4CF1DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CF1DB  
}
```

Border

The CSS property to change the border of an element to Hex 4CF1DB 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  
#4CF1DB }
```

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

```
.border{ border-color:#4CF1DB }
```

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

Here you see how a box with a 4 pixel #4CF1DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CF1DB; -webkit-box-shadow:4px 4px  
4px 4px #4CF1DB; box-shadow:4px 4px 4px  
4px #4CF1DB }
```

Background

The CSS property to change the background color of an element to Hex 4CF1DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CF1DB }
```

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

```
.background{ background-color:#4CF1DB }
```

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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