

Converting Colors

Hex(4BF0DF)

Have a look what the booklet for
Hex(4BF0DF) contains.

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Color

Hex(4BF0DF)

Conversions

Conversions Part 1

Format	Color
Hex	4BF0DF
RGB	75, 240, 223
RGB Percent	29%, 94%, 87%
CMY	0.7059, 0.0588, 0.1255
CMYK	0.69, 0.00, 0.07, 0.06
HSL	174°, 85%, 62%
HSV	174°, 69%, 94%
XYZ	47.3810, 69.1437, 80.6609
YIQ	188.7270, -92.8830, -40.2670

Conversions

Conversions Part 2

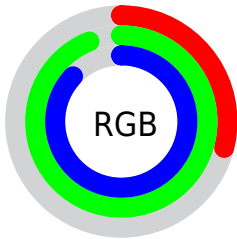
Format	Color
RYB	75, 162, 240
Decimal	4976863
CIELab	86.58, -45.68, -4.11
CIELCh	87, 45.866, 185.144
Yxy	69.1437, 0.2403, 0.3507
Android (android.graphics.Color)	4283166943 (0xFF4BF0DF)
YUV	188.7270, 16.8966, -99.7386
Hunter-Lab	83.1527, -43.8067, 0.6936

Details

The Hex color **4BF0DF** 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 **F04B5C**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **90FFFF**, and **00B7A8** is the 20% darker color. If you saturate the color by 10%, you get **33F0DD**, and if you desaturate by 10%, it is **63F0E1**.

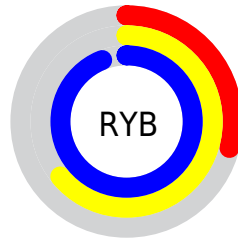
Distribution



Red (29%)

Green (94%)

Blue (87%)



Red (29%)

Yellow (64%)

Blue (94%)

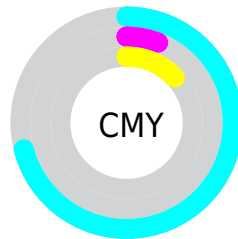


Cyan (69%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (71%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BF0DF 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 4BF0DF by changing the saturation by 10% instead.

 4BF0DF

 4BF0DF


FFFFFF

 16D3C3

 90FFFF

 00B7A8

 AFFFFFFF

 009C8E

 CFFFFFFF

 008174

 EFFFFFFF

 00675C

 004E44

 00362E

 002019

 000000

 4BF0DF

 4BF0DF

 33F0DD

 63F0E1

 1BF0DA

 7BF0E4

 03F0D8

 93F0E6

 00F0D7

 ABF0E9

 C3F0EB

 DBF0EE

 F3F0F0

 FFF0F3

 FFF0F5

Harmonies

Analogous

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



8AEDB3



4BF0DF



00EEFF

Triad

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



4BF0DF



E8CBFF



FFC98B

Complementary

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



4BF0DF



F04B5C

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.



FFBCA9



4BF0DF



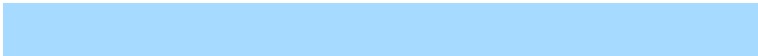
FFBCFE

Square

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



4BF0DF



A6DAFF



FFB7D3



EED981

Rectangle

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



4BF0DF



39EAFF



FFB7D3



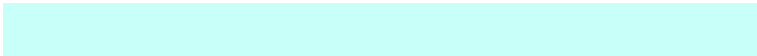
FFC593

Sweetspot

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



4BF0DF



C9FFF9



5EF04B



60807C



000000



808080

Same Dimension

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



4BF0DF



2BFFE9



4BB1F0



6C7877



00B8A5



003832

Inverse Universe

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



F04B5C



FF2B41



F08A4B



786C6D



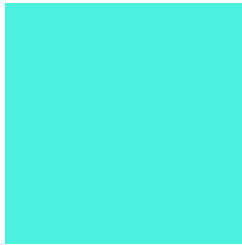
B80013



380006

Previews

White Background



This preview shows how the Hex color 4BF0DF looks on a white background.

Color Contrast Check

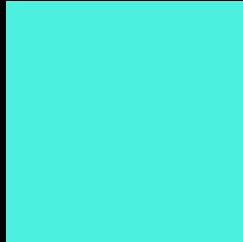
Large Text (above 18pt) WCAG AA × Fail

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 4BF0DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

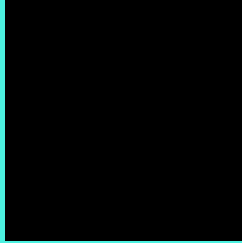
Any Text WCAG AA ✓ Pass

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 4BF0DF Background



This preview shows how black text looks on a background with the Hex color 4BF0DF.



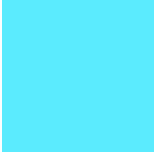
This preview shows how white text looks on a background with the Hex color 4BF0DF.

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
5BEBFE

Trichromacy



Original Color
4BF0DF



Protanomaly
A7DFD5



Deuteranomaly
ADDCE3

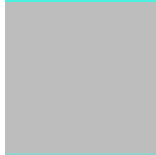


Tritanomaly
55EDF3

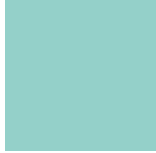
Monochromacy



Original Color
4BF0DF



Achromatopsia
BDBDBD



Achromatomaly
94D0C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BF0DF 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 #4BF0DF looks like.

```
.text, #text, p{  
    color:#4BF0DF  
}
```

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 #4BF0DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BF0DF
}
```

Border

The CSS property to change the border of an element to Hex 4BF0DF 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
#4BF0DF }
```

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

```
.border{ border-color:#4BF0DF }
```

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

Here you see how a box with a 4 pixel #4BF0DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BF0DF; -webkit-box-shadow:4px 4px  
4px 4px #4BF0DF; box-shadow:4px 4px 4px  
4px #4BF0DF }
```

Background

The CSS property to change the background color of an element to Hex 4BF0DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BF0DF }
```

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

```
.background{ background-color:#4BF0DF }
```

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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