

Converting Colors

Hex(4FBFDA)

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

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Color

Hex(4FBFDA)

Conversions

Conversions Part 1

Format	Color
Hex	4FBFDA
RGB	79, 191, 218
RGB Percent	31%, 75%, 85%
CMY	0.6902, 0.2510, 0.1451
CMYK	0.64, 0.12, 0.00, 0.15
HSL	192°, 65%, 58%
HSV	192°, 64%, 85%
XYZ	34.5101, 43.9858, 73.0009
YIQ	160.5900, -75.4190, -15.3470

Conversions

Conversions Part 2

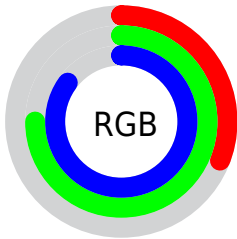
Format	Color
RYB	79, 141, 218
Decimal	5226458
CIELab	72.22, -23.55, -22.94
CIElCh	72, 32.881, 224.251
Yxy	43.9858, 0.2278, 0.2903
Android (android.graphics.Color)	4283416538 (0xFF4FBFDA)
YUV	160.5900, 28.3031, -71.5544
Hunter-Lab	66.3218, -23.1818, -18.8357

Details

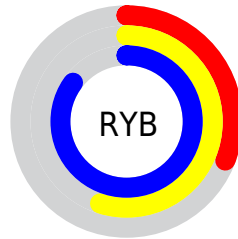
The Hex color **4FBFDA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DA6A4F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8EF8FF**, and **0089A3** is the 20% darker color. If you saturate the color by 10%, you get **39BBDA**, and if you desaturate by 10%, it is **65C3DA**.

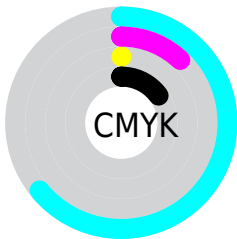
Distribution



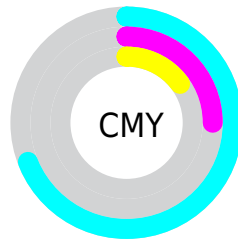
- Red (31%)
- Green (75%)
- Blue (85%)



- Red (31%)
- Yellow (55%)
- Blue (85%)



- Cyan (64%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 4FBFDA

 4FBFDA

FFFFFF

 29A4BE

 8EF8FF

 0089A3

 ACFFFF

 007089

 CAFFFF

 00576F

 E8FFFF

 003F57

 00293F

 001129

 000114

 000000

 4FBFDA

 4FBFDA

 39BBDA

 65C3DA

 23B7DA

 7BC7DA

 0EB2DA

 90CCDA

 00B0DA

 A6D0DA

 BCD4DA

 D2D8DA

 E8DDDA

 FDE1DA

 FFE5DA

Harmonies

Analogous

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



53C2BF



4FBFDA



71B9EA

Triad

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



4FBFDA



E29CC2



B7B476

Complementary

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



4FBFDA



DA6A4F

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.



D4AA78



4FBFDA



ED9BA4

Square

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



4FBFDA



C7A4DC



E7A088



96BC85

Rectangle

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



4FBFDA



8FB2ED



E7A088



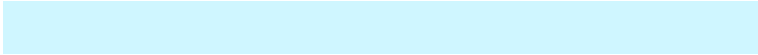
C2B175

Sweetspot

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



4FBFDA



CFF6FF



4FDA68



627A80



000000



808080

Same Dimension

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



4FBFDA



3BD9FF



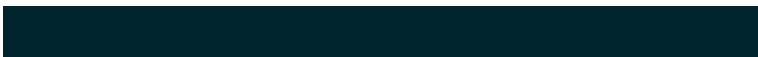
4F7BDA



636C6E



008CAD



00252E

Inverse Universe

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



DA4FBF



FF3BD9



DAAE4F



6E636C



AD008C



2E0025

Previews

White Background



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

Color Contrast Check

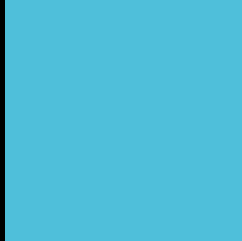
Large Text (above 18pt) WCAG AA × Fail

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 4FBFDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

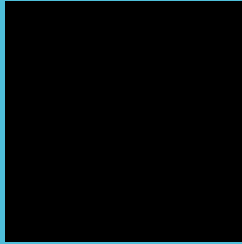
Any Text WCAG AA ✓ Pass

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 4FBFDA Background



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

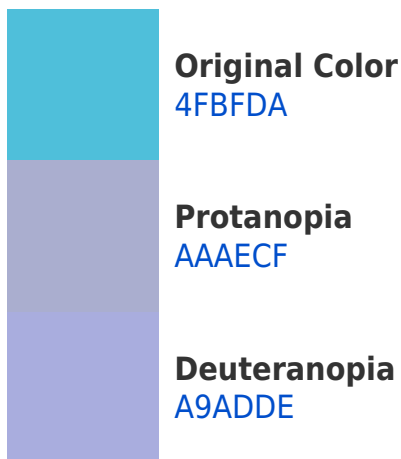


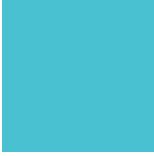
This preview shows how white text looks on a background with the Hex color 4FBFDA.

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](#).

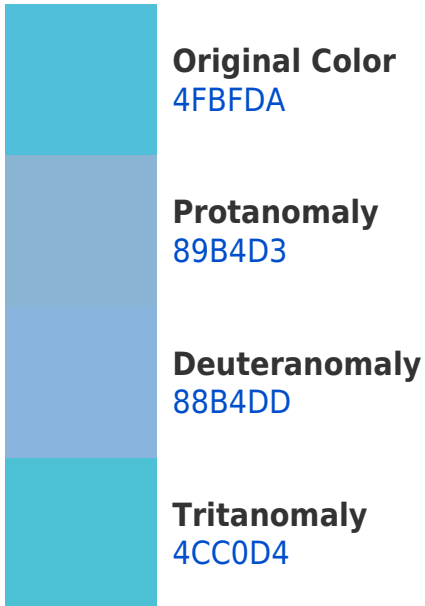
Dichromacy



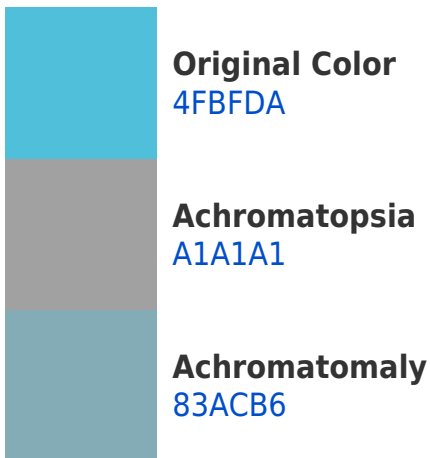


Tritanopia
4AC1D0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4FBFDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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