

Converting Colors

Hex(4BDAFA)

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

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Color

Hex(4BDAFA)

Conversions

Conversions Part 1

Format	Color
Hex	4BDafa
RGB	75, 218, 250
RGB Percent	29%, 85%, 98%
CMY	0.7059, 0.1451, 0.0196
CMYK	0.70, 0.13, 0.00, 0.02
HSL	191°, 95%, 64%
HSV	191°, 70%, 98%
XYZ	45.2284, 58.5408, 99.3582
YIQ	178.8910, -95.5000, -20.3640

Conversions

Conversions Part 2

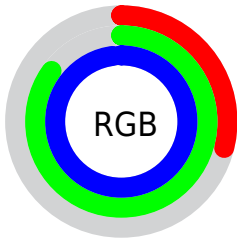
Format	Color
RYB	75, 154, 250
Decimal	4971258
CIELab	81.04, -27.91, -26.68
CIElCh	81, 38.614, 223.707
Yxy	58.5408, 0.2227, 0.2882
Android (android.graphics.Color)	4283161338 (0xFF4BDAFA)
YUV	178.8910, 35.0567, -91.1124
Hunter-Lab	76.5120, -28.3795, -23.4355

Details

The Hex color **4BDafa** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FA6B4B**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **90FFFF**, and **00A3C1** is the 20% darker color. If you saturate the color by 10%, you get **32D5FA**, and if you desaturate by 10%, it is **64DFFA**.

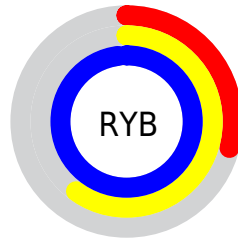
Distribution



Red (29%)

Green (85%)

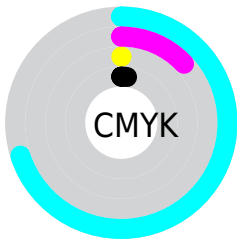
Blue (98%)



Red (29%)

Yellow (60%)

Blue (98%)

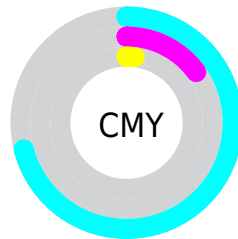


Cyan (70%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients

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

 4BDAFA

FFFFFF

 90FFFF

 B0FFFF

 CFFFFFF

 EFFFFFF

 4BDAFA

 15BEDD

 00A3C1

 0088A6

 006F8C

 005672

 003E5A

 002842

 000A2C

 000117

 4BDAFA

 4BDAFA

 32D5FA

 64DFFA

 19D1FA

 7DE3FA

 00CCFA

 96E8FA

 AFECFA

 C8F1FA

 E1F5FA

 FAFAFA

 FFFFFFFA

Harmonies

Analogous

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



53DDD9



4BDAFA



78D3FF

Triad

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



4BDAFA



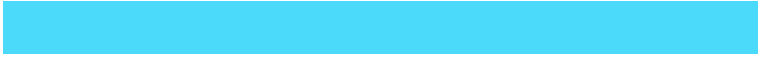
FFB0DE



D1CC82

Complementary

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



4BDAFA



FA6B4B

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.



F3C084



4BDafa



FFAEBA

Square

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



4BDAFA



E3BAFE



FFB599



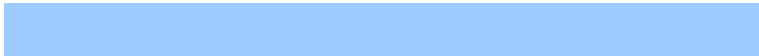
A9D694

Rectangle

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



4BDAFA



9ECBFF



FFB599



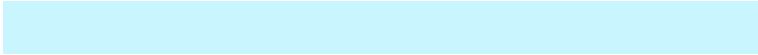
DDC881

Sweetspot

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



4BDAFA



C9F5FF



4BFA68



607A80



000000



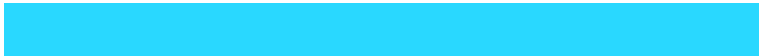
808080

Same Dimension

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



4BDAFA



29D8FF



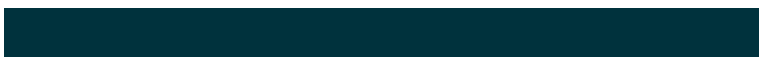
4B85FA



707B7D



009ABD



00323D

Inverse Universe

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



FA4BDA



FF29D8



FAC04B



7D707B



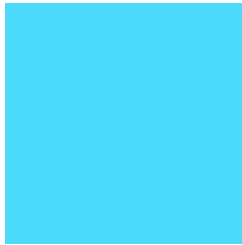
BD009A



3D0032

Previews

White Background



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

Color Contrast Check

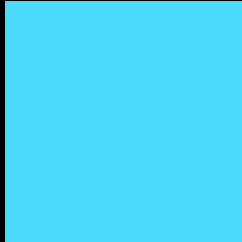
Large Text (above 18pt) WCAG AA × Fail

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 4BDFAFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

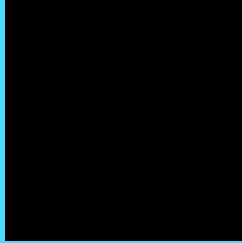
Any Text WCAG AA ✓ Pass

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 4BDAFA Background



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

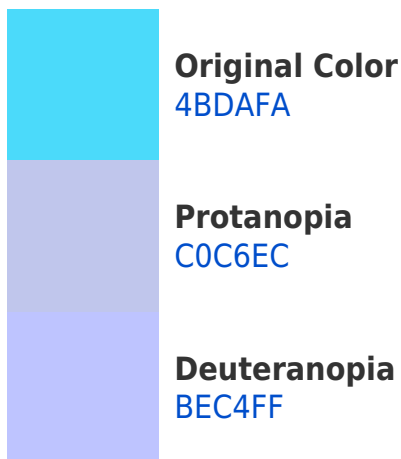


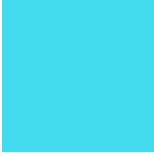
This preview shows how white text looks on a background with the Hex color 4BDAFA.

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](#).

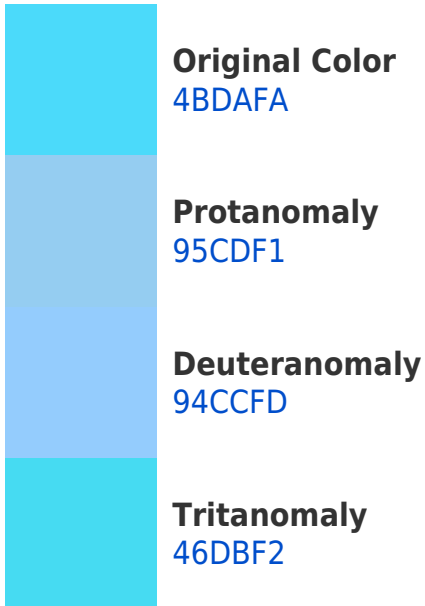
Dichromacy



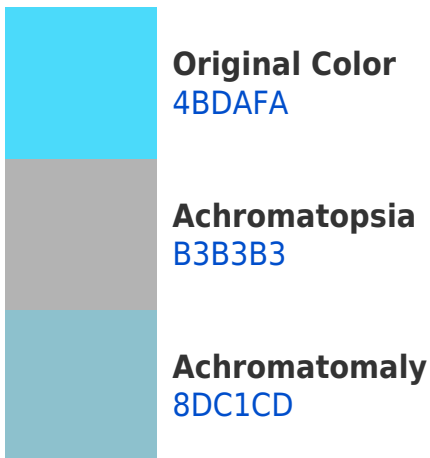


Tritanopia
43DCEE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4BDFAFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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