

Converting Colors

Hex(4BD9FE)

Have a look what the booklet for
Hex(4BD9FE) contains.

Hex(4BD9FE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4BD9FE)

Conversions

Conversions Part 1

Format	Color
Hex	4BD9FE
RGB	75, 217, 254
RGB Percent	29%, 85%, 100%
CMY	0.7059, 0.1490, 0.0039
CMYK	0.70, 0.15, 0.00, 0.00
HSL	192°, 99%, 65%
HSV	192°, 70%, 100%
XYZ	45.6039, 58.2773, 102.6110
YIQ	178.7600, -96.5090, -18.5970

Conversions

Conversions Part 2

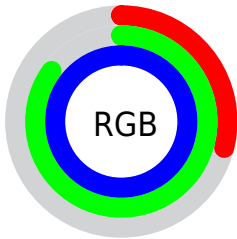
Format	Color
R _Y B	75, 154, 254
Decimal	4971006
CIE Lab	80.89, -26.21, -29.03
CIE LCh	81, 39.108, 227.922
Yxy	58.2773, 0.2209, 0.2822
Android (android.graphics.Color)	4283161086 (0xFF4BD9FE)
YUV	178.7600, 37.0933, -90.9975
Hunter-Lab	76.3396, -26.9616, -26.2563

Details

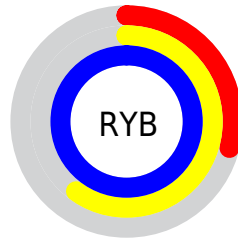
The Hex color **4BD9FE** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FE704B**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **90FFFF**, and **00A2C5** is the 20% darker color. If you saturate the color by 10%, you get **32D4FE**, and if you desaturate by 10%, it is **64DEFE**.

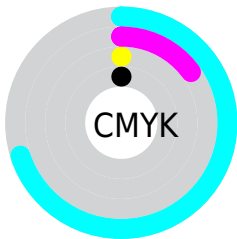
Distribution



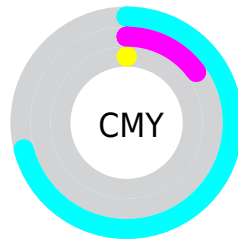
- Red (29%)
- Green (85%)
- Blue (100%)



- Red (29%)
- Yellow (60%)
- Blue (100%)



- Cyan (70%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BD9FE 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 4BD9FE by changing the saturation by 10% instead.

 4BD9FE

 4BD9FE

FFFFFF

 14BDE1

 90FFFF

 00A2C5

 B0FFFF

 0087AA

 CFFFFFF

 006E8F

 EFFFFFF

 005576

 003E5D

 002845

 000A2F

 000119

 4BD9FE

 4BD9FE

 32D4FE

 64DEFE

 18CEFE

 7EE4FE

 00C9FE

 97E9FE

 B1EEFE

 CAF3FE

 E3F9FE

 FDFEFE

FFFFFFE

Harmonies

Analogous

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



4BDDDE



4BD9FE



7ED1FF

Triad

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



4BD9FE



FFAED9



CBCE82

Complementary

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



4BD9FE



FE704B

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.



EFC281



4BD9FE



FFAEB4

Square

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



4BD9FE



E8B8FA



FFB594



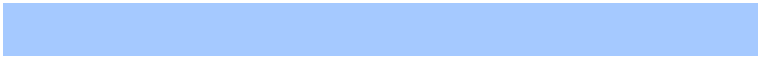
A2D797

Rectangle

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



4BD9FE



A5C9FF



FFB594



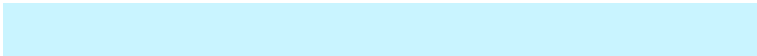
D8CA80

Sweetspot

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



4BD9FE



C9F4FF



4BFE6F



607980



000000



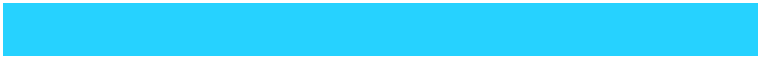
808080

Same Dimension

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



4BD9FE



26D2FF



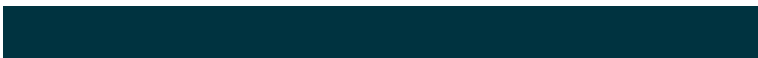
4B81FE



737D80



0098BF



003340

Inverse Universe

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



FE4BD9



FF26D2



FEC84B



80737D



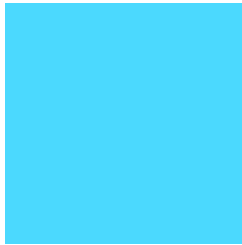
BF0098



400033

Previews

White Background



This preview shows how the Hex color 4BD9FE looks on a white background.

Color Contrast Check

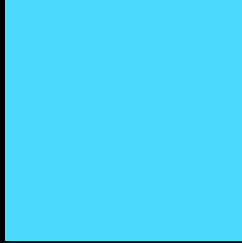
Large Text (above 18pt) WCAG AA × Fail

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 4BD9FE 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 4BD9FE Background



This preview shows how black text looks on a background with the Hex color 4BD9FE.

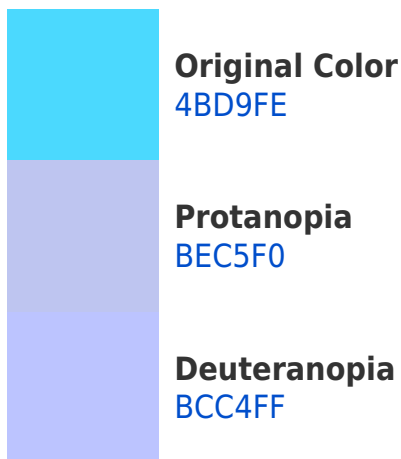


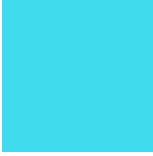
This preview shows how white text looks on a background with the Hex color 4BD9FE.

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](#).

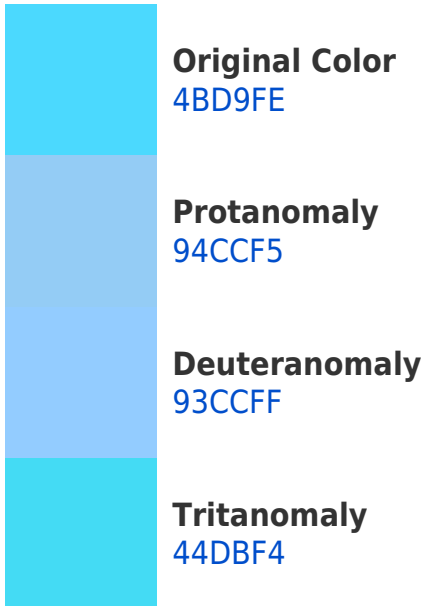
Dichromacy



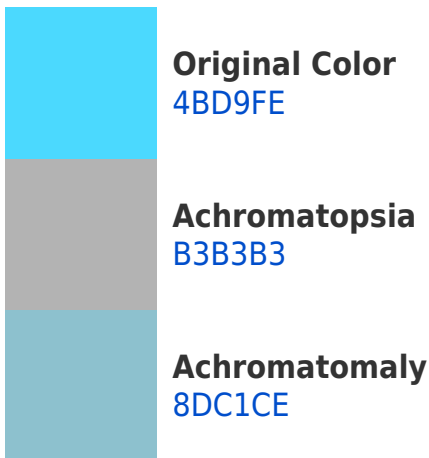


Tritanopia
40DCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BD9FE 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 #4BD9FE looks like.

```
.text, #text, p{  
    color:#4BD9FE  
}
```

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 #4BD9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BD9FE
}
```

Border

The CSS property to change the border of an element to Hex 4BD9FE 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
#4BD9FE }
```

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

```
.border{ border-color:#4BD9FE }
```

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

Here you see how a box with a 4 pixel #4BD9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BD9FE; -webkit-box-shadow:4px 4px  
4px 4px #4BD9FE; box-shadow:4px 4px 4px  
4px #4BD9FE }
```

Background

The CSS property to change the background color of an element to Hex 4BD9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BD9FE }
```

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

```
.background{ background-color:#4BD9FE }
```

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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