

Converting Colors

Hex(4BD8E9)

Have a look what the booklet for
Hex(4BD8E9) contains.

| | |
|--|----|
| Hex(4BD8E9) | 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(4BD8E9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4BD8E9 |
| RGB | 75, 216, 233 |
| RGB Percent | 29%, 85%, 91% |
| CMY | 0.7059, 0.1529, 0.0863 |
| CMYK | 0.68, 0.07, 0.00, 0.09 |
| HSL | 186°, 78%, 60% |
| HSV | 186°, 68%, 91% |
| XYZ | 42.1655, 56.4908, 85.7723 |
| YIQ | 175.7790, -89.4930, -24.6050 |

Conversions

Conversions Part 2

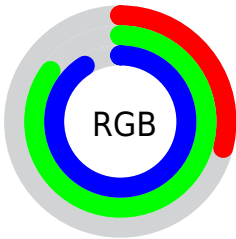
| Format | Color |
|-------------------------------------|---|
| RYB | 75, 150, 233 |
| Decimal | 4970729 |
| CIELab | 79.89, -31.99, -19.38 |
| CIELCh | 80, 37.403, 211.206 |
| Yxy | 56.4908, 0.2286, 0.3063 |
| Android (android.graphics.Color) | 4283160809 (0xFF4BD8E9) |
| YUV | 175.7790, 28.2100, -88.3832 |
| Hunter-Lab | 75.1603, -31.3908, -15.0489 |

Details

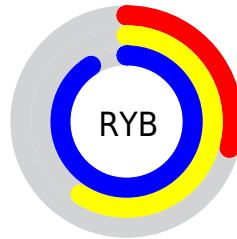
The Hex color **4BD8E9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E95C4B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **8EFFFF**, and **00A1B1** is the 20% darker color. If you saturate the color by 10%, you get **34D5E9**, and if you desaturate by 10%, it is **62DBE9**.

Distribution



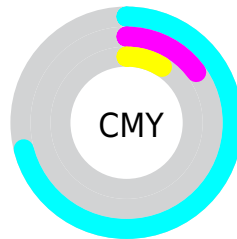
- Red (29%)
- Green (85%)
- Blue (91%)



- Red (29%)
- Yellow (59%)
- Blue (91%)



- Cyan (68%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BD8E9 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 4BD8E9 by changing the saturation by 10% instead.

 4BD8E9

 4BD8E9

FFFFFF

 1BBCCD

 8EFFFF

 00A1B1

 ADFFFF

 008697

 CCFFFF

 006C7D

 EBFFFF

 005464

 003C4C

 002635

 000220

 000005

 4BD8E9

 4BD8E9

 34D5E9

 62DBE9

 1CD3E9

 7ADDE9

 05D0E9

 91E0E9

 00D0E9

 A8E2E9

 BFE5E9

 D7E7E9

 EEEAE9

 FFECE9

 FFEFE9

Harmonies

Analogous

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



65D9C6



4BD8E9



64D3FF

Triad

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



4BD8E9



F4B1E8



DDC480

Complementary

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



4BD8E9



E95C4B

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.



F9B88A



4BD8E9



FFACC6

Square

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



4BD8E9



CCBDFE



FFAFA4



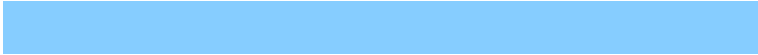
B8CF89

Rectangle

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



4BD8E9



86CDFE



FFAFA4



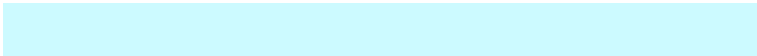
E7C081

Sweetspot

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



4BD8E9



CCFAFF



4BE95B



617C80



000000



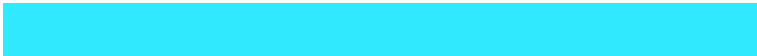
808080

Same Dimension

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



4BD8E9



30E9FF



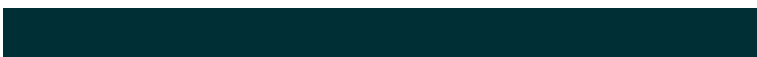
4B8AE9



6A7475



00A2B5



003036

Inverse Universe

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



E94BD8



FF30E9



E9AA4B



756A74



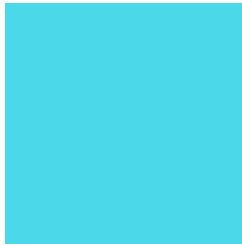
B500A2



360030

Previews

White Background



This preview shows how the Hex color 4BD8E9 looks on a white background.

Color Contrast Check

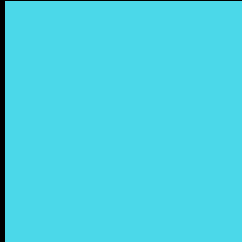
Large Text (above 18pt) WCAG AA × Fail

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 4BD8E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

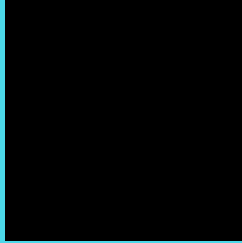
Any Text WCAG AA ✓ Pass

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 4BD8E9 Background



This preview shows how black text looks on a background with the Hex color 4BD8E9.

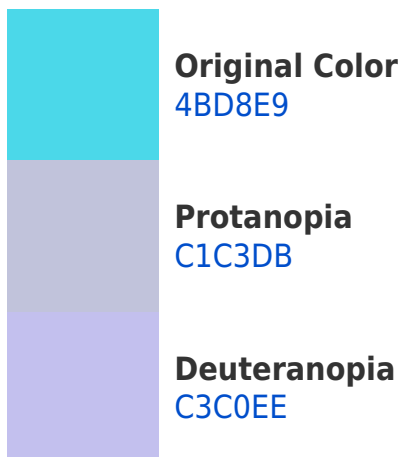


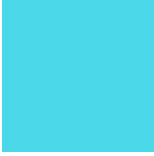
This preview shows how white text looks on a background with the Hex color 4BD8E9.

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](#).

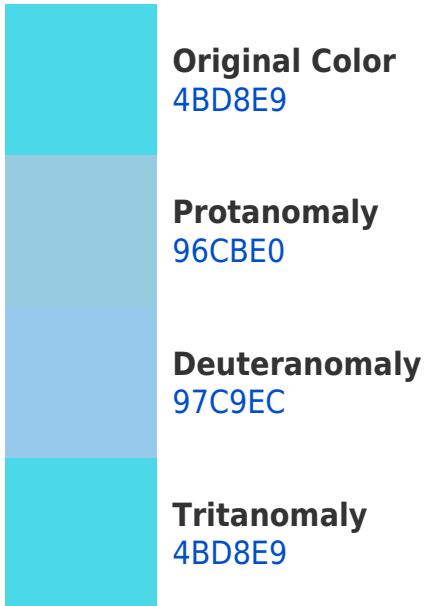
Dichromacy



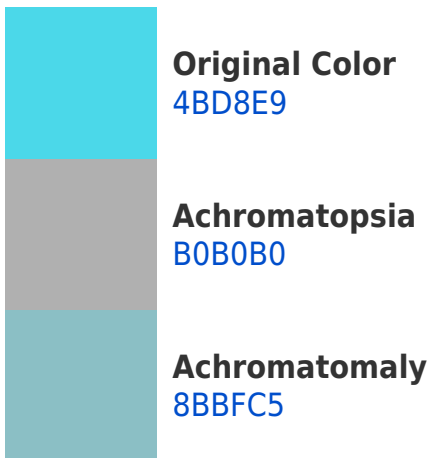


Tritanopia
4BD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BD8E9 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 #4BD8E9 looks like.

```
.text, #text, p{  
    color:#4BD8E9  
}
```

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 #4BD8E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BD8E9
}
```

Border

The CSS property to change the border of an element to Hex 4BD8E9 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
#4BD8E9 }
```

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

```
.border{ border-color:#4BD8E9 }
```

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

Here you see how a box with a 4 pixel #4BD8E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BD8E9; -webkit-box-shadow:4px 4px  
4px 4px #4BD8E9; box-shadow:4px 4px 4px  
4px #4BD8E9 }
```

Background

The CSS property to change the background color of an element to Hex 4BD8E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BD8E9 }
```

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

```
.background{ background-color:#4BD8E9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor