

Converting Colors

Hex(4BDBE4)

Have a look what the booklet for
Hex(4BDBE4) contains.

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Color

Hex(4BDBE4)

Conversions

Conversions Part 1

Format	Color
Hex	4BDBE4
RGB	75, 219, 228
RGB Percent	29%, 86%, 89%
CMY	0.7059, 0.1412, 0.1059
CMYK	0.67, 0.04, 0.00, 0.11
HSL	184°, 74%, 59%
HSV	184°, 67%, 89%
XYZ	42.2368, 57.7603, 82.3215
YIQ	176.9700, -88.7130, -27.7290

Conversions

Conversions Part 2

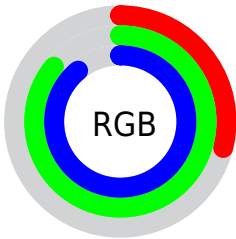
Format	Color
RYB	75, 149, 228
Decimal	4971492
CIELab	80.61, -34.85, -15.64
CIELCh	81, 38.198, 204.168
Yxy	57.7603, 0.2317, 0.3168
Android (android.graphics.Color)	4283161572 (0xFF4BDBE4)
YUV	176.9700, 25.1578, -89.4277
Hunter-Lab	76.0002, -33.7998, -11.0213

Details

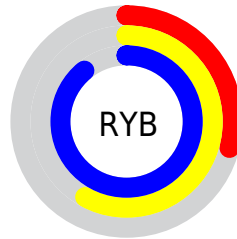
The Hex color **4BDBE4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E4544B**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **8EFFFF**, and **00A3AD** is the 20% darker color. If you saturate the color by 10%, you get **34DAE4**, and if you desaturate by 10%, it is **62DCE4**.

Distribution



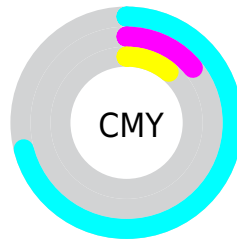
- Red (29%)
- Green (86%)
- Blue (89%)



- Red (29%)
- Yellow (58%)
- Blue (89%)



- Cyan (67%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (71%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BDBE4 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 4BDBE4 by changing the saturation by 10% instead.

 4BDBE4

 4BDBE4

FFFFFF

 1BBFC8

 8EFFFF

 00A3AD


 ADFFFF

 008992

 CCFFFF

 006F78

 EBFFFF

 005660

 003E48

 002831

 00061D

 000000

 4BDBE4

 4BDBE4

 34DAE4

 62DCE4

 1DD8E4

 79DEE4

 07D7E4

 8FDFE4

 00D7E4

 A6E0E4

 BDE2E4

 D4E3E4

 EBE4E4

 FFE6E4

 FFE7E4

Harmonies

Analogous

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



6EDBC0



4BDBE4



58D7FF

Triad

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



4BDBE4



EFB5F2



E7C381

Complementary

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



4BDBE4



E4544B

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.



FFB78F



4BDBE4



FFADD1

Square

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



4BDBE4



C3C1FF



FFAEAD



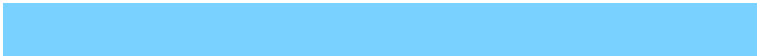
C3CF86

Rectangle

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



4BDBE4



79D1FF



FFAEAD



F1BF84

Sweetspot

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



4BDBE4



CCFCFF



4BE453



617E80



000000



808080

Same Dimension

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



4BDBE4



30F3FF



4B90E4



677273



00A8B3



003033

Inverse Universe

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



E44BDB



FF30F3



E49F4B



736772



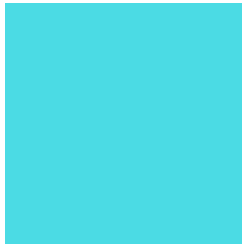
B300A8



330030

Previews

White Background



This preview shows how the Hex color 4BDBE4 looks on a white background.

Color Contrast Check

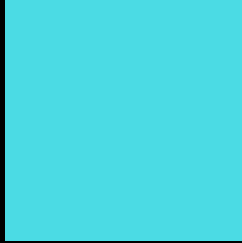
Large Text (above 18pt) WCAG AA × Fail

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 4BDBE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

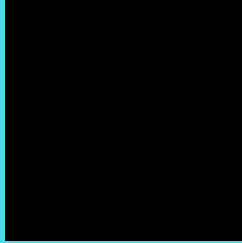
Any Text WCAG AA ✓ Pass

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 4BDBE4 Background



This preview shows how black text looks on a background with the Hex color 4BDBE4.

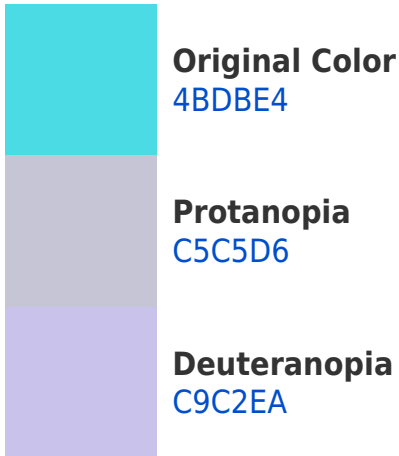


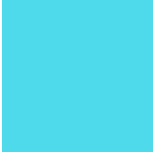
This preview shows how white text looks on a background with the Hex color 4BDBE4.

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
4FDAEB

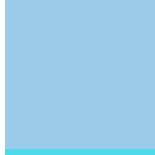
Trichromacy



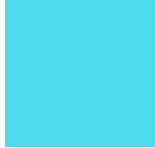
Original Color
4BDBE4



Protanomaly
99CDDB



Deuteranomaly
9BCBE8

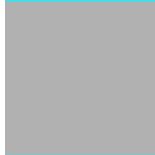


Tritanomaly
4EDAE8

Monochromacy



Original Color
4BDBE4



Achromatopsia
B1B1B1



Achromatomaly
8CC0C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BDBE4 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 #4BDBE4 looks like.

```
.text, #text, p{  
    color:#4BDBE4  
}
```

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 #4BDBE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BDBE4
}
```

Border

The CSS property to change the border of an element to Hex 4BDBE4 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
#4BDBE4 }
```

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

```
.border{ border-color:#4BDBE4 }
```

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

Here you see how a box with a 4 pixel #4BDBE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BDBE4; -webkit-box-shadow:4px 4px  
4px 4px #4BDBE4; box-shadow:4px 4px 4px  
4px #4BDBE4 }
```

Background

The CSS property to change the background color of an element to Hex 4BDBE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BDBE4 }
```

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

```
.background{ background-color:#4BDBE4 }
```

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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