

Converting Colors

Hex(4BC6DB)

Have a look what the booklet for
Hex(4BC6DB) contains.

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Color

Hex(4BC6DB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4BC6DB |
| RGB | 75, 198, 219 |
| RGB Percent | 29%, 78%, 86% |
| CMY | 0.7059, 0.2235, 0.1412 |
| CMYK | 0.66, 0.10, 0.00, 0.14 |
| HSL | 189°, 67%, 58% |
| HSV | 189°, 66%, 86% |
| XYZ | 35.8819, 46.9985, 74.1983 |
| YIQ | 163.6170, -80.0490, -19.5450 |

Conversions

Conversions Part 2

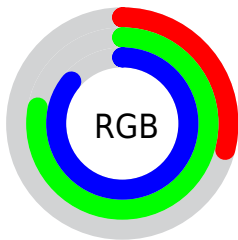
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 75, 141, 219 |
| Decimal | 4966107 |
| CIE Lab | 74.19, -27.38, -20.50 |
| CIE LCh | 74, 34.202, 216.826 |
| Yxy | 46.9985, 0.2284, 0.2992 |
| Android (android.graphics.Color) | 4283156187 (0xFF4BC6DB) |
| YUV | 163.6170, 27.3038, -77.7171 |
| Hunter-Lab | 68.5554, -26.5451, -16.1814 |

Details

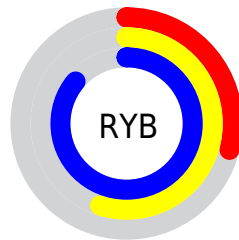
The Hex color **4BC6DB** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DB604B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8BFFFF**, and **0090A4** is the 20% darker color. If you saturate the color by 10%, you get **35C3DB**, and if you desaturate by 10%, it is **61C9DB**.

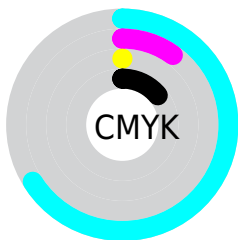
Distribution



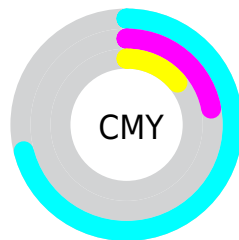
- Red (29%)
- Green (78%)
- Blue (86%)



- Red (29%)
- Yellow (55%)
- Blue (86%)



- Cyan (66%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (71%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BC6DB 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 4BC6DB by changing the saturation by 10% instead.

 4BC6DB

 4BC6DB

FFFFFF

 21ABBF

 8BFFFF

 0090A4

 AAFFFF

 00768A

 C8FFFF

 005D70

 E6FFFF

 004558

 002E40

 00192A

 000115

 000000

 4BC6DB

 4BC6DB

 35C3DB

 61C9DB

 1FC0DB

 77CCDB

 09BCDB

 8DD0DB

 00BBDB

 A3D3DB

 B8D6DB

 CED9DB

 E4DCDB

 FAE0DB

 FFE3DB

Harmonies

Analogous

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



5AC8BD



4BC6DB



67C0EF

Triad

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



4BC6DB



E4A2D0



C5B778

Complementary

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



4BC6DB



DB604B

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.



E1AC7D



4BC6DB



F49FB0

Square

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



4BC6DB



C4ACE9



F2A392



A3C083

Rectangle

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



4BC6DB



87BAF5



F2A392



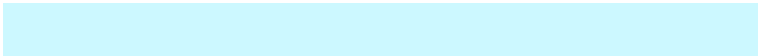
CFB378

Sweetspot

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



4BC6DB



CCF8FF



4BDB5E



617B80



000000



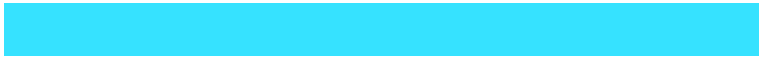
808080

Same Dimension

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



4BC6DB



36E2FF



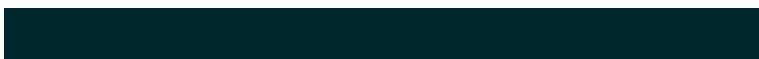
4B80DB



636C6E



0094AD



00272E

Inverse Universe

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



DB4BC6



FF36E2



DBA64B



6E636C



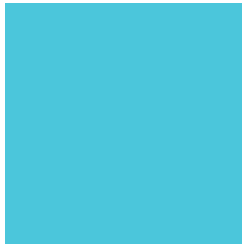
AD0094



2E0027

Previews

White Background



This preview shows how the Hex color 4BC6DB looks on a white background.

Color Contrast Check

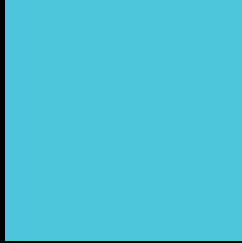
Large Text (above 18pt) WCAG AA × Fail

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 4BC6DB 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 4BC6DB Background



This preview shows how black text looks on a background with the Hex color 4BC6DB.

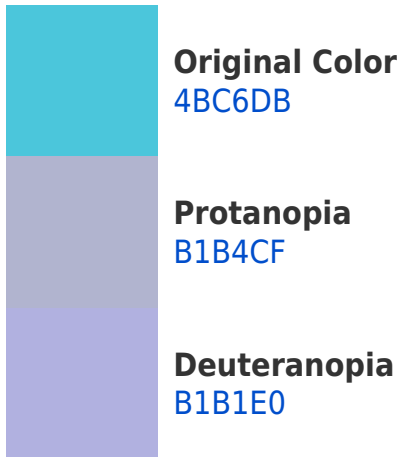


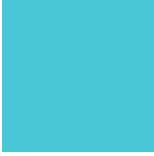
This preview shows how white text looks on a background with the Hex color 4BC6DB.

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](#).

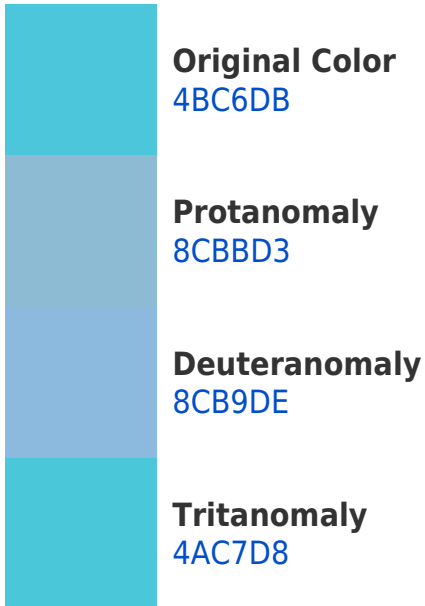
Dichromacy





Tritanopia
49C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BC6DB 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 #4BC6DB looks like.

```
.text, #text, p{  
    color:#4BC6DB  
}
```

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 #4BC6DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC6DB
}
```

Border

The CSS property to change the border of an element to Hex 4BC6DB 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
#4BC6DB }
```

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

```
.border{ border-color:#4BC6DB }
```

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

Here you see how a box with a 4 pixel #4BC6DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC6DB; -webkit-box-shadow:4px 4px  
4px 4px #4BC6DB; box-shadow:4px 4px 4px  
4px #4BC6DB }
```

Background

The CSS property to change the background color of an element to Hex 4BC6DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC6DB }
```

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

```
.background{ background-color:#4BC6DB }
```

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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