

Converting Colors

Hex(4BD0EC)

Have a look what the booklet for
Hex(4BD0EC) contains.

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Color

Hex(4BD0EC)

Conversions

Conversions Part 1

Format	Color
Hex	4BD0EC
RGB	75, 208, 236
RGB Percent	29%, 82%, 93%
CMY	0.7059, 0.1843, 0.0745
CMYK	0.68, 0.12, 0.00, 0.07
HSL	190°, 81%, 61%
HSV	190°, 68%, 93%
XYZ	40.5978, 52.6637, 87.3823
YIQ	171.4250, -88.2560, -19.4880

Conversions

Conversions Part 2

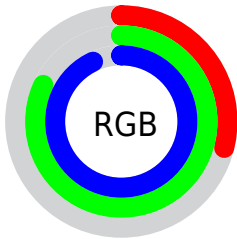
Format	Color
RYB	75, 148, 236
Decimal	4968684
CIELab	77.68, -27.22, -24.35
CIELCh	78, 36.524, 221.809
Yxy	52.6637, 0.2247, 0.2915
Android (android.graphics.Color)	4283158764 (0xFF4BD0EC)
YUV	171.4250, 31.8355, -84.5647
Hunter-Lab	72.5698, -27.1385, -20.5930

Details

The Hex color **4BD0EC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **EC674B**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8EFFFF**, and **0099B4** is the 20% darker color. If you saturate the color by 10%, you get **33CCEC**, and if you desaturate by 10%, it is **63D4EC**.

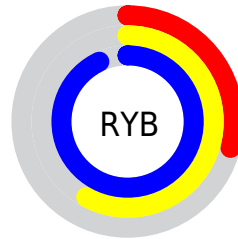
Distribution



Red (29%)

Green (82%)

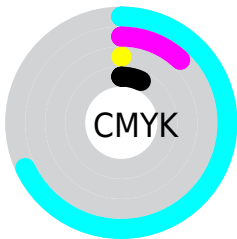
Blue (93%)



Red (29%)

Yellow (58%)

Blue (93%)

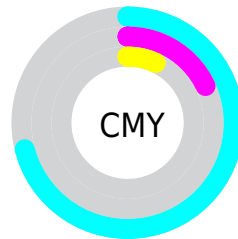


Cyan (68%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (71%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BD0EC 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 4BD0EC by changing the saturation by 10% instead.

 4BD0EC

 4BD0EC

FFFFFF

 1BB4D0


 8EFFFF

 0099B4

 ADFFFF

 007F99

 CCFFFF

 00667F

 EAFFFF

 004D66

 00364E

 002237

 000222

 000008

 4BD0EC

 4BD0EC

 33CCEC

 63D4EC

 1CC8EC

 7AD8EC

 04C4EC

 92DCEC

 00C3EC

 A9E0EC

 C1E5EC

 D9E9EC

 F0EDEC

 FFF1EC

 FFF5EC

Harmonies

Analogous

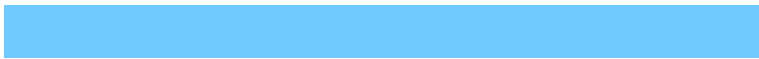
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55D2CD



4BD0EC



71C9FF

Triad

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



4BD0EC



F5A9D6



CAC27D

Complementary

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



4BD0EC



EC674B

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.



E9B780



4BD0EC



FFA6B4

Square

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



4BD0EC



D5B2F3



FEAC94



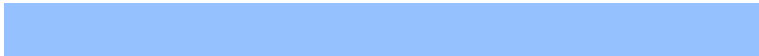
A4CB8C

Rectangle

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



4BD0EC



95C2FF



FEAC94



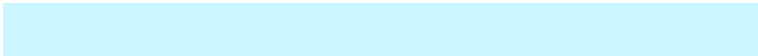
D5BF7C

Sweetspot

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



4BD0EC



CCF6FF



4BEC66



617A80



000000



808080

Same Dimension

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



4BD0EC



2EDBFF



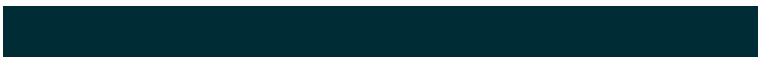
4B81EC



6A7375



0096B5



002C36

Inverse Universe

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



EC4BD0



FF2EDB



ECB64B



756A73



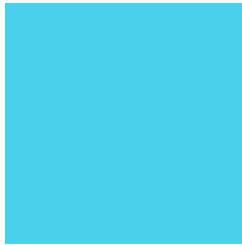
B50096



36002C

Previews

White Background



This preview shows how the Hex color 4BD0EC looks on a white background.

Color Contrast Check

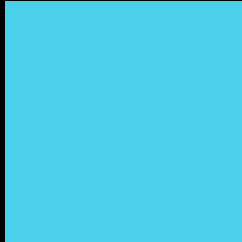
Large Text (above 18pt) WCAG AA × Fail

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 4BD0EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

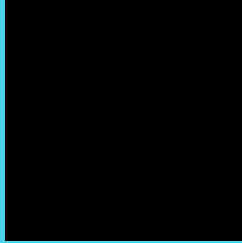
Any Text WCAG AA ✓ Pass

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 4BD0EC Background



This preview shows how black text looks on a background with the Hex color 4BD0EC.



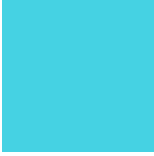
This preview shows how white text looks on a background with the Hex color 4BD0EC.

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](#).

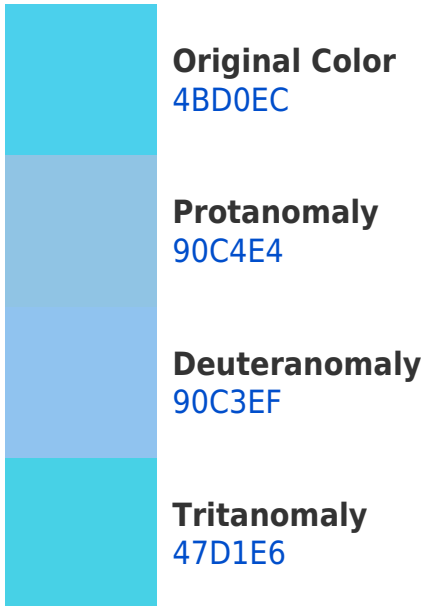
Dichromacy



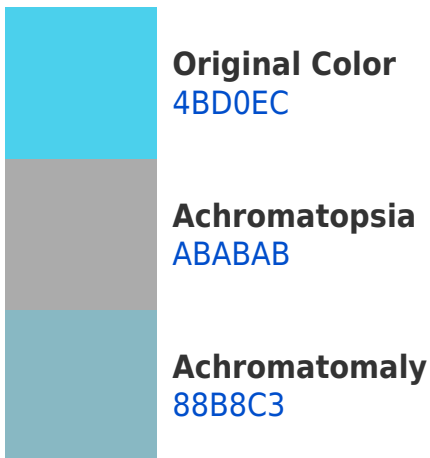


Tritanopia
45D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BD0EC 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 #4BD0EC looks like.

```
.text, #text, p{  
    color:#4BD0EC  
}
```

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 #4BD0EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BD0EC
}
```

Border

The CSS property to change the border of an element to Hex 4BD0EC 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
#4BD0EC }
```

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

```
.border{ border-color:#4BD0EC }
```

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

Here you see how a box with a 4 pixel #4BD0EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BD0EC; -webkit-box-shadow:4px 4px  
4px 4px #4BD0EC; box-shadow:4px 4px 4px  
4px #4BD0EC }
```

Background

The CSS property to change the background color of an element to Hex 4BD0EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BD0EC }
```

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

```
.background{ background-color:#4BD0EC }
```

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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