

Converting Colors

Hex(4BBDDD)

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

Hex(4BBDDD)	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(4BBDDD)

Conversions

Conversions Part 1

Format	Color
Hex	4BBDDD
RGB	75, 189, 221
RGB Percent	29%, 74%, 87%
CMY	0.7059, 0.2588, 0.1333
CMYK	0.66, 0.14, 0.00, 0.13
HSL	193°, 68%, 58%
HSV	193°, 66%, 87%
XYZ	34.1504, 43.1115, 74.9281
YIQ	158.5620, -78.2160, -14.2160

Conversions

Conversions Part 2

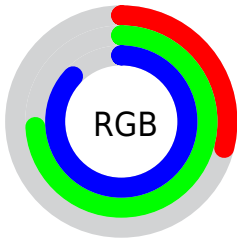
Format	Color
RYB	75, 139, 221
Decimal	4963805
CIELab	71.63, -22.26, -25.49
CIElCh	72, 33.838, 228.866
Yxy	43.1115, 0.2244, 0.2833
Android (android.graphics.Color)	4283153885 (0xFF4BBDDD)
YUV	158.5620, 30.7819, -73.2839
Hunter-Lab	65.6594, -22.0634, -21.6980

Details

The Hex color **4BBDDD** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DD64B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **8BF5FF**, and **0087A6** is the 20% darker color. If you saturate the color by 10%, you get **35B8DD**, and if you desaturate by 10%, it is **61C2DD**.

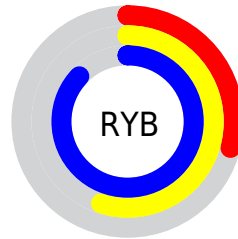
Distribution



Red (29%)

Green (74%)

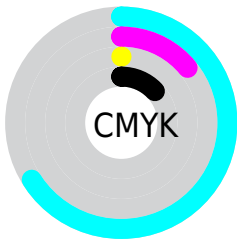
Blue (87%)



Red (29%)

Yellow (55%)

Blue (87%)

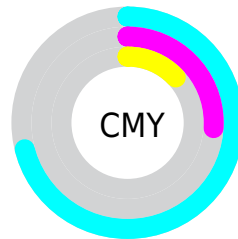


Cyan (66%)

Magenta (14%)

Yellow (0%)

Black (13%)



Cyan (71%)

Magenta (26%)

Yellow (13%)

Brightness & Saturation Gradients

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

■ 4BBDDD

■ 4BBDDD

FFFFFF

■ 22A2C1

■ 8BF5FF

■ 0087A6

■ A9FFFF

■ 006E8B

■ C7FFFF

■ 005572

■ E6FFFF

■ 003E59

■ 002842

■ 000E2C

■ 000116

■ 000000

 4BBDDD

 4BBDDD

 35B8DD

 61C2DD

 1FB3DD

 77C7DD

 09AEDD

 8DCCDD

 00ADDD

 A3D0DD

 BAD5DD

 D0DADD

 E6DFDD

 FCE4DD

 FFE9DD

Harmonies

Analogous

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



49C0C2



4BBDDD



73B6EB

Triad

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



4BBDDD



E599BC



B1B474

Complementary

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



4BBDDD



DD6B4B

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.



CFAA73



4BBDDD



ED999D

Square

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



4BBDDD



CBA1D8



E49F82



8EBB86

Rectangle

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



4BBDDD



94AFEC



E49F82



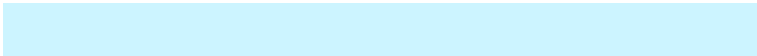
BCB172

Sweetspot

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



4BBDDD



CCF4FF



4BDD6B



617980



000000



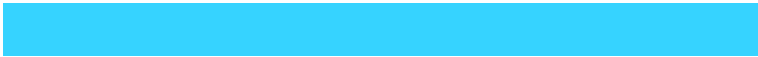
808080

Same Dimension

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



4BBDDD



36D3FF



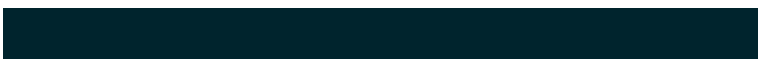
4B74DD



636B6E



0087AD



00242E

Inverse Universe

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



DD4BBD



FF36D3



DDB44B



6E636B



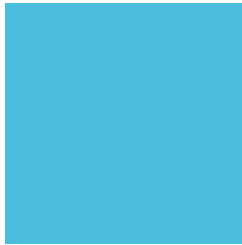
AD0087



2E0024

Previews

White Background



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

Color Contrast Check

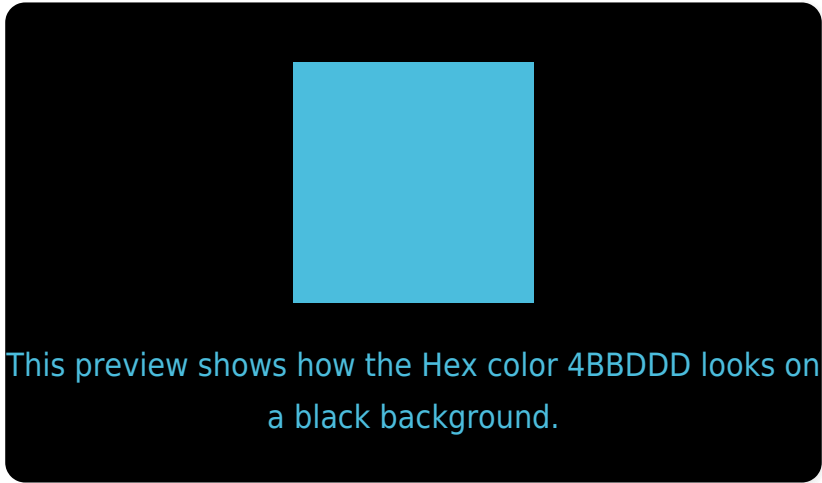
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4BBDDD Background



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

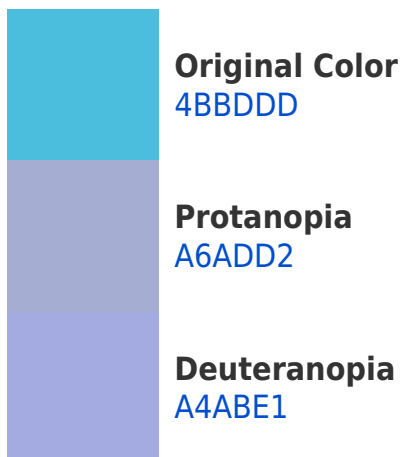


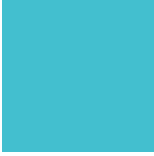
This preview shows how white text looks on a background with the Hex color 4BBDDD.

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](#).

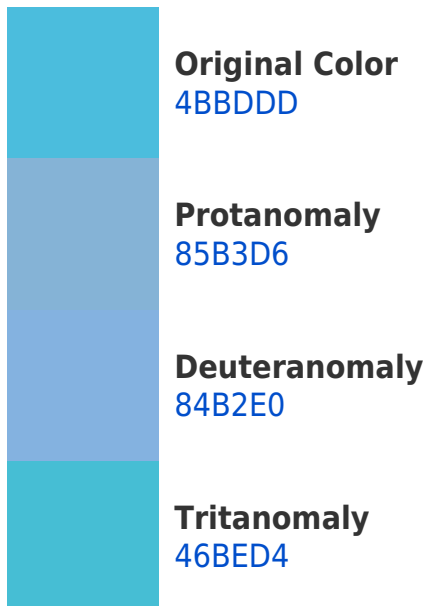
Dichromacy





Tritanopia
43BFCF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4BBDDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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