

# Converting Colors

Hex(4ACDBF)

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

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# Color

**Hex(4ACDBF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4ACDBF
RGB	74, 205, 191
RGB Percent	29%, 80%, 75%
CMY	0.7098, 0.1961, 0.2510
CMYK	0.64, 0.00, 0.07, 0.20
HSL	174°, 57%, 55%
HSV	174°, 64%, 80%
XYZ	34.0593, 48.8801, 56.9299
YIQ	164.2350, -73.5820, -32.1260

# Conversions

## Conversions Part 2

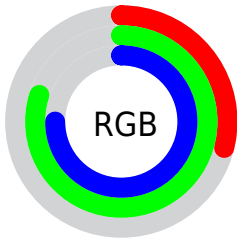
Format	Color
<a href="#">RYB</a>	<a href="#">74, 143, 205</a>
Decimal	<a href="#">4902335</a>
CIELab	<a href="#">75.38, -38.72, -3.58</a>
CIELCh	<a href="#">75, 38.887, 185.277</a>
Yxy	<a href="#">48.8801, 0.2435, 0.3495</a>
Android (android.graphics.Color)	<a href="#">4283092415</a> ( <a href="#">0xFF4ACDBF</a> )
YUV	<a href="#">164.2350, 13.1951, -79.1361</a>
Hunter-Lab	<a href="#">69.9143, -35.3922, 0.6613</a>

# Details

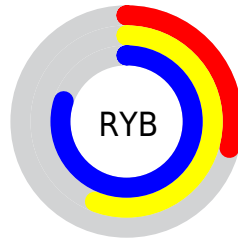
The Hex color **4ACDBF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **CD4A58**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **89FFF7**, and **00968A** is the 20% darker color. If you saturate the color by 10%, you get **36CDBD**, and if you desaturate by 10%, it is **5FCDC1**.

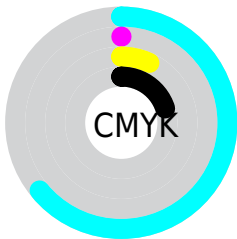
# Distribution



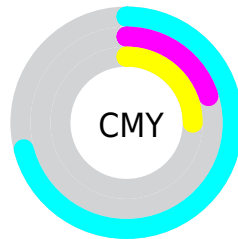
- Red (29%)
- Green (80%)
- Blue (75%)



- Red (29%)
- Yellow (56%)
- Blue (80%)



- Cyan (64%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (71%)
- Magenta (20%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 4ACDBF

 4ACDBF

FFFFFF

 22B1A4

 89FFF7

 00968A

 A7FFFF

 007C70

 C5FFFF

 006258

 E3FFFF

 004941

 00322B

 001C16

 000000

 4ACDBF

 4ACDBF

36CDBD

5FCDC1

21CDBB

73CDC3

0DCDB8

88CDC6

00CDB7

9CCDC8

B1CDCA

C5CDCC

DACDCE

EECDD1

FFCDD3

# Harmonies

## Analogous

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



7ACA9B



4ACDBF



2ACBE2

# Triad

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



4ACDBF



C6AEF4



EAAD79

# Complementary

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



4ACDBF



CD4A58

# 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.



FDA292



4ACDBF



ECA3D8

# Square

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



4ACDBF



91BBFF



FF9EB5



CBBA72

# Rectangle

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



4ACDBF



41C8F4



FF9EB5



F2A980

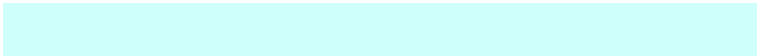


# Sweetspot

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



4ACDBF



CFFFA



59CD4A



62807C



000000



808080



# Same Dimension

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



4ACDBF



3BFFEA



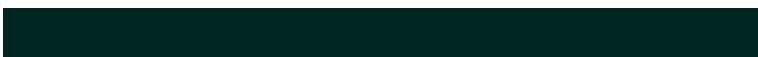
4A9BCD



5C6665



00A694



002622



# Inverse Universe

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



CD4A58



FF3B50



CD7C4A



665C5D



A60012



260004



# Previews

## White Background



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

## Color Contrast Check

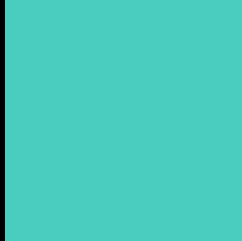
Large Text (above 18pt) WCAG AA × Fail

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 4ACDBF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

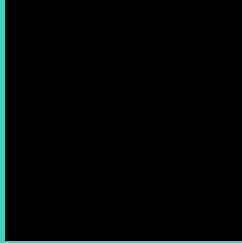
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

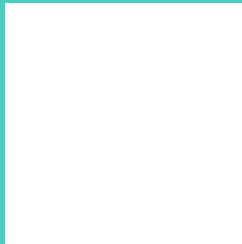
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4ACDBF Background



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

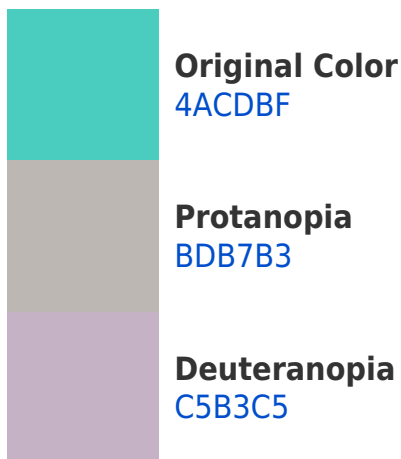


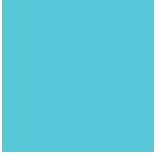
This preview shows how white text looks on a background with the Hex color 4ACDBF.

# 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



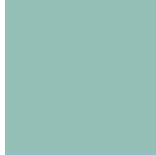


**Tritanopia**  
56C9D9

# Trichromacy



**Original Color**  
4ACDBF



**Protanomaly**  
93BFB7



**Deuteranomaly**  
98BCC3

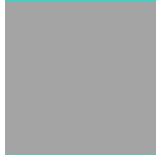


**Tritanomaly**  
52CAD0

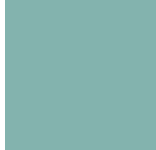
# Monochromacy



**Original Color**  
4ACDBF



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
83B3AE

# CSS Examples

## Text

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

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

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 #4ACDBF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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