

# Converting Colors

Hex(4DABB0)

Have a look what the booklet for  
Hex(4DABB0) contains.

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# Color

**Hex(4DABB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DABB0
RGB	77, 171, 176
RGB Percent	30%, 67%, 69%
CMY	0.6980, 0.3294, 0.3098
CMYK	0.56, 0.03, 0.00, 0.31
HSL	183°, 39%, 50%
HSV	183°, 56%, 69%
XYZ	25.4600, 33.8382, 46.2638
YIQ	143.4640, -57.6290, -18.3730

# Conversions

## Conversions Part 2

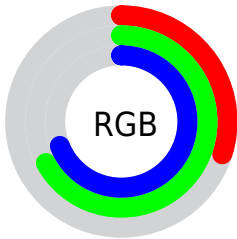
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 125, 176
Decimal	5090224
CIELab	64.83, -26.11, -10.99
CIElCh	65, 28.328, 202.823
Yxy	33.8382, 0.2412, 0.3206
Android (android.graphics.Color)	4283280304 (0xFF4DABB0)
YUV	143.4640, 16.0402, -58.2889
Hunter-Lab	58.1706, -23.6732, -6.4347

# Details

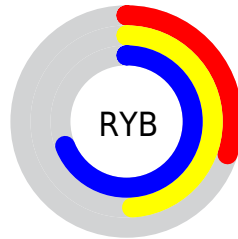
The Hex color **4DABB0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B0524D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **87E3E8**, and **00767C** is the 20% darker color. If you saturate the color by 10%, you get **3BAAB0**, and if you desaturate by 10%, it is **5FACB0**.

# Distribution



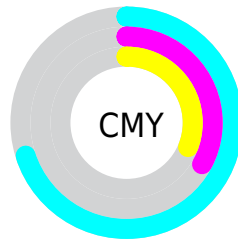
- Red (30%)
- Green (67%)
- Blue (69%)



- Red (30%)
- Yellow (49%)
- Blue (69%)



- Cyan (56%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (33%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DABB0 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 4DABB0 by changing the saturation by 10% instead.



 4DABB0

 4DABB0

FFFFFF

 2D9095

 87E3E8

 00767C

 A4FFFF

 005D63

 C1FFFF

 00454B

 DEFFFF

 002E34

 FCFFFF

 001A1F

 000005

 000000

 4DABB0

 4DABB0

■ 3BAAB0

■ 5FACB0

■ 2AA9B0

■ 70ADB0

■ 18A8B0

■ 82AEB0

■ 07A7B0

■ 93AFB0

■ 00A7B0

■ A5AFB0

■ B7B0B0

■ C8B1B0

■ DAB2B0

■ EBB3B0

# Harmonies

## Analogous

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



61AB96



4DABB0



54A8C5

# Triad

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



4DABB0



B890BC



B59A6B

# Complementary

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



4DABB0



B0524D

# 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.



C89176



4DABB0



CB8BA4

# Square

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



4DABB0



9999CC



D08B8B



9BA26E

# Rectangle

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



4DABB0



67A4CD



D08B8B



BC976D



# Sweetspot

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



4DABB0



BEE4E6



4DB052



5C7273



F2F2F2



737373



# Same Dimension

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



4DABB0



49DEE6



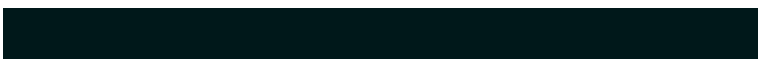
4D7AB0



505959



009199



00181A



# Inverse Universe

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



B04DAB



E649DE



B0834D



595059



990091

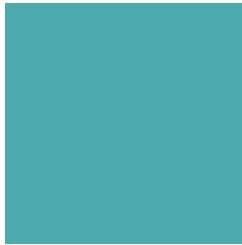


1A0018



# Previews

## White Background



This preview shows how the Hex color 4DABB0 looks on a white background.

## Color Contrast Check

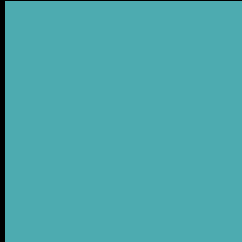
Large Text (above 18pt) WCAG AA × Fail

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 4DABB0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

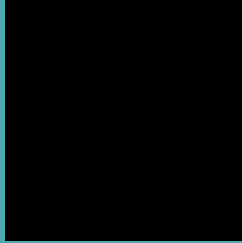
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DABB0 Background



This preview shows how black text looks on a background with the Hex color 4DABB0.

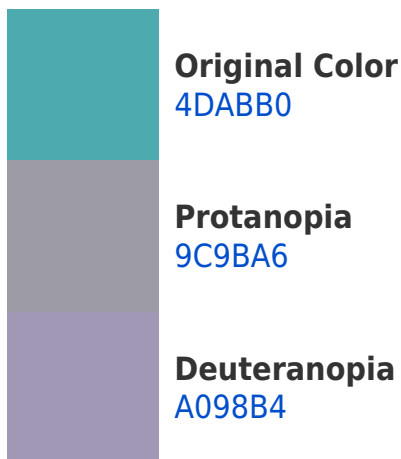


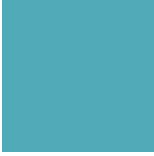
This preview shows how white text looks on a background with the Hex color 4DABB0.

# 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



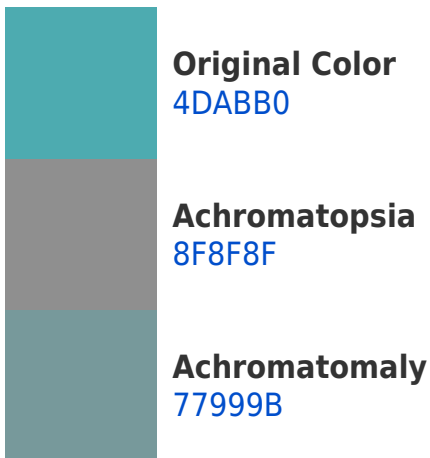


**Tritanopia**  
50AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DABB0 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 #4DABB0 looks like.

```
.text, #text, p{  
    color:#4DABB0  
}
```

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 #4DABB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DABB0
}
```

## Border

The CSS property to change the border of an element to Hex 4DABB0 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
#4DABB0 }
```

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

```
.border{ border-color:#4DABB0 }
```

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

Here you see how a box with a 4 pixel #4DABB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DABB0; -webkit-box-shadow:4px 4px  
4px 4px #4DABB0; box-shadow:4px 4px 4px  
4px #4DABB0 }
```

# Background

The CSS property to change the background color of an element to Hex 4DABB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DABB0 }
```

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

```
.background{ background-color:#4DABB0 }
```

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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