

# Converting Colors

Hex(3ADDDB0)

Have a look what the booklet for  
Hex(3ADDDB0) contains.

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# **Color**

**Hex(3ADD B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3ADDB0
RGB	58, 221, 176
RGB Percent	23%, 87%, 69%
CMY	0.7725, 0.1333, 0.3098
CMYK	0.74, 0.00, 0.20, 0.13
HSL	163°, 71%, 55%
HSV	163°, 74%, 87%
XYZ	35.4378, 55.7470, 49.9668
YIQ	167.1330, -82.7030, -48.5510

# Conversions

## Conversions Part 2

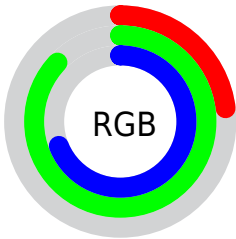
Format	Color
<a href="#">RYB</a>	58, 153, 221
Decimal	3857840
CIELab	79.47, -51.64, 10.34
CIELCh	79, 52.661, 168.680
Yxy	55.7470, 0.2511, 0.3949
Android (android.graphics.Color)	4282047920 (0xFF3ADB0)
YUV	167.1330, 4.3714, -95.7096
Hunter-Lab	74.6639, -45.9402, 12.5866

# Details

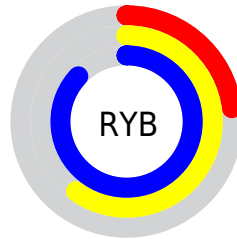
The Hex color **3ADDB0** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DD3A67**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **80FFE8**, and **00A57B** is the 20% darker color. If you saturate the color by 10%, you get **24DDAA**, and if you desaturate by 10%, it is **50DDB6**.

# Distribution



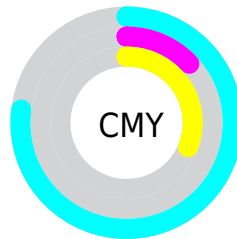
- Red (23%)
- Green (87%)
- Blue (69%)



- Red (23%)
- Yellow (60%)
- Blue (87%)



- Cyan (74%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (77%)
- Magenta (13%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3ADDB0 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 3ADDB0 by changing the saturation by 10% instead.



 3ADDB0

 3ADDB0

FFFFFF

 00C195

 80FFE8

 00A57B

 9FFFFFF

 008A63

 BEFFFF

 006F4B

 DCFFFF

 005634

 FBFFFF

 003D1F

 002707

 000000

 3ADDB0

 3ADDB0

■ 24DDAA

■ 50DDB6

■ 0EDDA4

■ 66DDBC

■ 00DDA0

■ 7CDDC2

■ 92DDC8

■ A9DDCF

■ BFDDD5

■ D5DDDB

■ EBDDE1

■ FFDDE7

# Harmonies

## Analogous

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



8CD782



3ADDB0



00DEE3

# Triad

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



3ADDB0



ACBFFF



FFAA7D

# Complementary

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



3ADD80



DD3A67

# 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.



FF9EA8



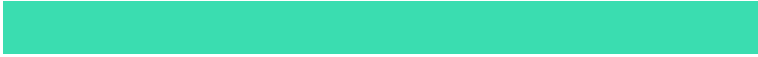
3ADDB0



EFACFF

# Square

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



3ADD80



3ECFFF



FF9EDA



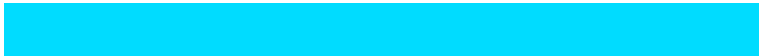
F3BC63

# Rectangle

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



3ADDB0



00DCFF



FF9EDA



FFA58A

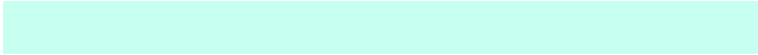


# Sweetspot

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



3ADDB0



C7FFF0



68DD3A



5E8076



000000



808080



# Same Dimension

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



3ADDB0



1CFFC0



3ABADD



636E6B



00AD7E



002E21



# Inverse Universe

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



DD3A67



FF1C5B



DD5D3A



6E6366



AD0030

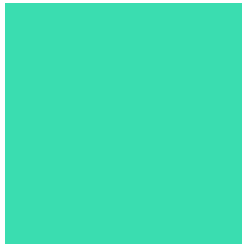


2E000D



# Previews

## White Background



This preview shows how the Hex color 3ADDB0 looks on a white background.

## Color Contrast Check

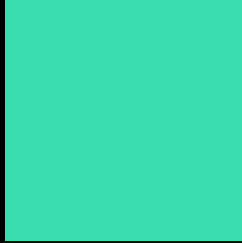
Large Text (above 18pt) WCAG AA × Fail

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 3ADDB0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

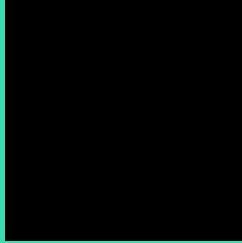
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3ADDB0 Background



This preview shows how black text looks on a background with the Hex color 3ADDB0.

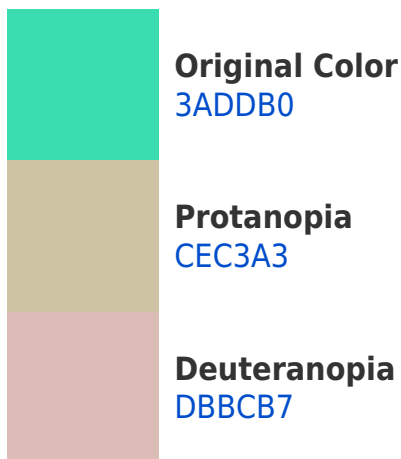


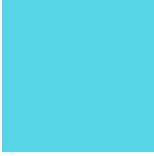
This preview shows how white text looks on a background with the Hex color 3ADDB0.

# 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**  
56D6E7

# Trichromacy



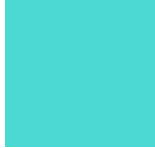
**Original Color**  
3ADDB0



**Protanomaly**  
98CCA8



**Deuteranomaly**  
A0C8B4

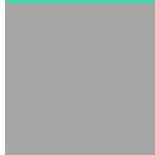


**Tritanomaly**  
4CD9D3

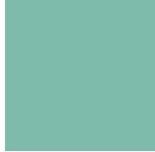
# Monochromacy



**Original Color**  
3ADDB0



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
7FBBA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3ADDB0 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 #3ADDB0 looks like.

```
.text, #text, p{  
    color:#3ADDB0  
}
```

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 #3ADDB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ADDB0
}
```

## Border

The CSS property to change the border of an element to Hex 3ADDB0 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
#3ADDB0 }
```

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

```
.border{ border-color:#3ADDB0 }
```

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

Here you see how a box with a 4 pixel #3ADDB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ADDB0; -webkit-box-shadow:4px 4px  
4px 4px #3ADDB0; box-shadow:4px 4px 4px  
4px #3ADDB0 }
```

# Background

The CSS property to change the background color of an element to Hex 3ADDB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ADDB0 }
```

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

```
.background{ background-color:#3ADDB0 }
```

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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