

# Converting Colors

Hex(5AD0B7)

Have a look what the booklet for  
Hex(5AD0B7) contains.

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**Color**

**Hex(5AD0B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD0B7
RGB	90, 208, 183
RGB Percent	35%, 82%, 72%
CMY	0.6471, 0.1843, 0.2824
CMYK	0.57, 0.00, 0.12, 0.18
HSL	167°, 56%, 58%
HSV	167°, 57%, 82%
XYZ	35.3196, 50.7043, 52.7251
YIQ	169.8680, -62.3030, -32.7910

# Conversions

## Conversions Part 2

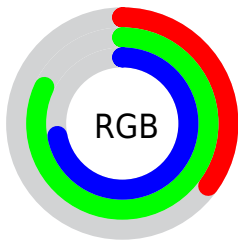
Format	Color
<a href="#">RYB</a>	<a href="#">90, 156, 208</a>
Decimal	<a href="#">5951671</a>
CIELab	<a href="#">76.50, -39.24, 2.43</a>
CIElCh	<a href="#">76, 39.310, 176.459</a>
Yxy	<a href="#">50.7043, 0.2546, 0.3654</a>
Android (android.graphics.Color)	<a href="#">4284141751 (0xFF5AD0B7)</a>
YUV	<a href="#">169.8680, 6.4741, -70.0442</a>
Hunter-Lab	<a href="#">71.2070, -36.0739, 5.9436</a>

# Details

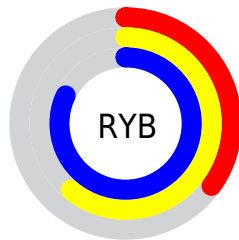
The Hex color **5AD0B7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **D05A73**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **95FFEF**, and **089982** is the 20% darker color. If you saturate the color by 10%, you get **45D0B3**, and if you desaturate by 10%, it is **6FD0BB**.

# Distribution



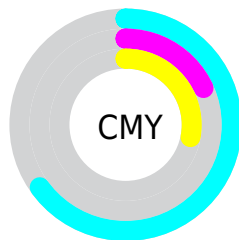
- Red (35%)
- Green (82%)
- Blue (72%)



- Red (35%)
- Yellow (61%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AD0B7 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 5AD0B7 by changing the saturation by 10% instead.



 5AD0B7

 5AD0B7

FFFFFF

 3AB49C


 95FEEF

 089982

 B3FFFF

 007E69

 D0FFFF

 006551

 EEEFFF

 004C3A

 003425

 001F10

 000000

 5AD0B7

 5AD0B7

 45D0B3

 6FD0BB

 30D0AE

 84D0C0

 1CD0AA

 98D0C4

 07D0A5

 ADD0C9

 00D0A4

 C2D0CD

 D7D0D1

 ECD0D6

 FFD0DA

 FFD0DF

# Harmonies

## Analogous

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



89CC93



5AD0B7



2FD0DC

# Triad

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



5AD0B7



BBB5FE



F5AC81

# Complementary

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



5AD0B7



D05A73

# 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.



FFA39E



5AD0B7



E7A8E5

# Square

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



5AD0B7



82C2FF



FFA1C3



D9B974

# Rectangle

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



5AD0B7



34CDF0



FFA1C3



FCA98A



# Sweetspot

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



5AD0B7



D4FFF6



74D05A



66807A



000000



808080



# Same Dimension

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



5AD0B7



52FFDA



5AAFD0



5E6966



00A885



002920



# Inverse Universe

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



D05A73



FF5276



D07B5A



695E60



A80024

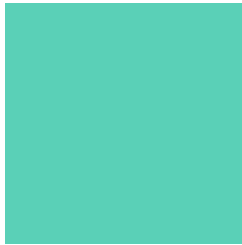


290009



# Previews

## White Background



This preview shows how the Hex color 5AD0B7 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 5AD0B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

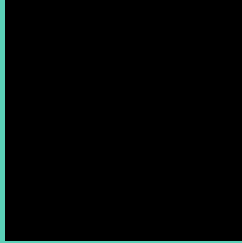
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

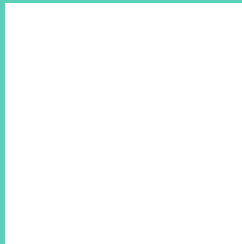
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5AD0B7 Background



This preview shows how black text looks on a background with the Hex color 5AD0B7.

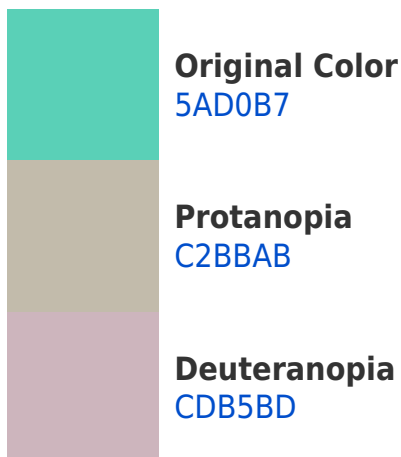


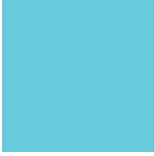
This preview shows how white text looks on a background with the Hex color 5AD0B7.

# 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**  
67CBDB

# Trichromacy



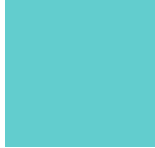
**Original Color**  
5AD0B7



**Protanomaly**  
9CC3AF



**Deuteranomaly**  
A3BFBB

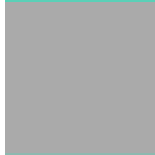


**Tritanomaly**  
62CDCE

# Monochromacy



**Original Color**  
5AD0B7



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
8DB8AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AD0B7 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 #5AD0B7 looks like.

```
.text, #text, p{  
    color:#5AD0B7  
}
```

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 #5AD0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD0B7
}
```

## Border

The CSS property to change the border of an element to Hex 5AD0B7 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
#5AD0B7 }
```

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

```
.border{ border-color:#5AD0B7 }
```

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

Here you see how a box with a 4 pixel #5AD0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD0B7; -webkit-box-shadow:4px 4px  
4px 4px #5AD0B7; box-shadow:4px 4px 4px  
4px #5AD0B7 }
```

# Background

The CSS property to change the background color of an element to Hex 5AD0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD0B7 }
```

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

```
.background{ background-color:#5AD0B7 }
```

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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