

Converting Colors

Hex(5AD0CB)

Have a look what the booklet for
Hex(5AD0CB) contains.

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Color

Hex(5AD0CB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5AD0CB |
| RGB | 90, 208, 203 |
| RGB Percent | 35%, 82%, 80% |
| CMY | 0.6471, 0.1843, 0.2039 |
| CMYK | 0.57, 0.00, 0.02, 0.18 |
| HSL | 177°, 56%, 58% |
| HSV | 177°, 57%, 82% |
| XYZ | 37.5518, 51.5972, 64.4800 |
| YIQ | 172.1480, -68.7230, -26.5710 |

Conversions

Conversions Part 2

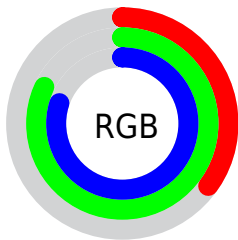
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 90, 150, 208 |
| Decimal | 5951691 |
| CIELab | 77.04, -34.14, -7.54 |
| CIELCh | 77, 34.966, 192.452 |
| Yxy | 51.5972, 0.2444, 0.3359 |
| Android (android.graphics.Color) | 4284141771 (0xFF5AD0CB) |
| YUV | 172.1480, 15.2100, -72.0438 |
| Hunter-Lab | 71.8312, -32.3886, -2.9404 |

Details

The Hex color **5AD0CB** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D05A5F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **96FFFF**, and **009995** is the 20% darker color. If you saturate the color by 10%, you get **45D0CA**, and if you desaturate by 10%, it is **6FD0CC**.

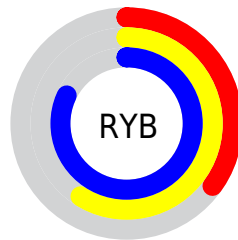
Distribution



Red (35%)

Green (82%)

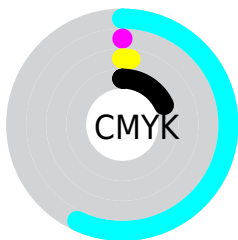
Blue (80%)



Red (35%)

Yellow (59%)

Blue (82%)

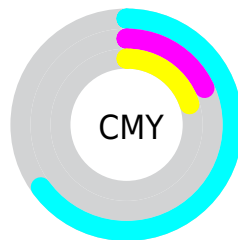


Cyan (57%)

Magenta (0%)

Yellow (2%)

Black (18%)



Cyan (65%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AD0CB 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 5AD0CB by changing the saturation by 10% instead.

 5AD0CB

 5AD0CB

FFFFFF

 38B4B0

 96FFFF

 009995

 B4FFFF

 007F7B

 D2FFFF

 006562

 F0FFFF

 004D4B

 003534

 00211F

 000006

 000000

 5AD0CB

 5AD0CB

 45D0CA

 6FD0CC

 30D0C9

 84D0CD

 1CD0C8

 98D0CE

 07D0C7

 ADD0CF

 00D0C7

 C2D0CF

 D7D0D0

 ECD0D1

 FFD0D2

 FFD0D3

Harmonies

Analogous

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



7DCFAA



5AD0CB



53CDE9

Triad

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



5AD0CB



D4B1EE



E5B681

Complementary

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



5AD0CB



D05A5F

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.



F9AB94



5AD0CB



F2A8D3

Square

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



5AD0CB



A7BDFD



FEA6B2



C7C17E

Rectangle

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



5AD0CB



67CAF7



FEA6B2



EDB286

Sweetspot

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



5AD0CB



D4FFFD



60D05A



66807E



000000



808080

Same Dimension

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



5AD0CB



52FFF8



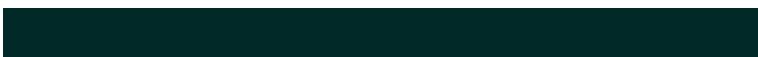
5A9BD0



5E6968



00A8A1



002927

Inverse Universe

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



D05A5F



FF5259



D08F5A



695E5F



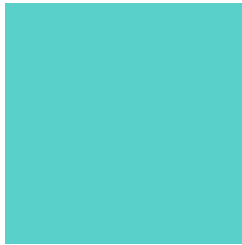
A80007



290002

Previews

White Background



This preview shows how the Hex color 5AD0CB 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 5AD0CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

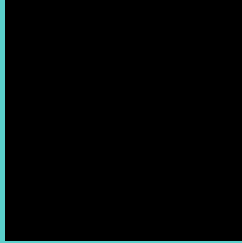
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

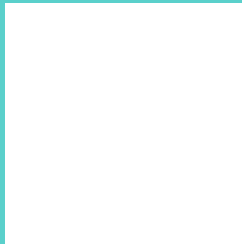
Any Text WCAG AAA ✓ Pass

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

Hex 5AD0CB Background



This preview shows how black text looks on a background with the Hex color 5AD0CB.



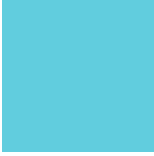
This preview shows how white text looks on a background with the Hex color 5AD0CB.

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
61CDDE

Trichromacy



Original Color
5AD0CB



Protanomaly
9AC3C3



Deuteranomaly
9FC1CE

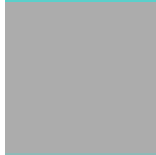


Tritanomaly
5ECED7

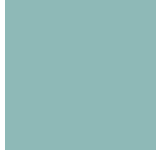
Monochromacy



Original Color
5AD0CB



Achromatopsia
ACACAC



Achromatomaly
8EB9B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AD0CB 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 #5AD0CB looks like.

```
.text, #text, p{  
    color:#5AD0CB  
}
```

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 #5AD0CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD0CB  
}
```

Border

The CSS property to change the border of an element to Hex 5AD0CB 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  
#5AD0CB }
```

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

```
.border{ border-color:#5AD0CB }
```

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

Here you see how a box with a 4 pixel #5AD0CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD0CB; -webkit-box-shadow:4px 4px  
4px 4px #5AD0CB; box-shadow:4px 4px 4px  
4px #5AD0CB }
```

Background

The CSS property to change the background color of an element to Hex 5AD0CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD0CB }
```

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

```
.background{ background-color:#5AD0CB }
```

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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