

# Converting Colors

Hex(5AD7CF)

Have a look what the booklet for  
Hex(5AD7CF) contains.

<b>Hex(5AD7CF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5AD7CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD7CF
RGB	90, 215, 207
RGB Percent	35%, 84%, 81%
CMY	0.6471, 0.1569, 0.1882
CMYK	0.58, 0.00, 0.04, 0.16
HSL	176°, 61%, 60%
HSV	176°, 58%, 84%
XYZ	39.7794, 55.2795, 67.6049
YIQ	176.7130, -71.9320, -28.9880

# Conversions

## Conversions Part 2

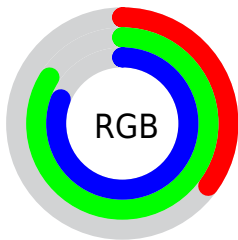
Format	Color
<b>RYB</b>	90, 155, 215
Decimal	5953487
CIELab	79.20, -36.35, -6.48
CIELCh	79, 36.923, 190.110
Yxy	55.2795, 0.2445, 0.3398
Android (android.graphics.Color)	4284143567 (0xFF5AD7CF)
YUV	176.7130, 14.9315, -76.0473
Hunter-Lab	74.3502, -34.6105, -1.8659

# Details

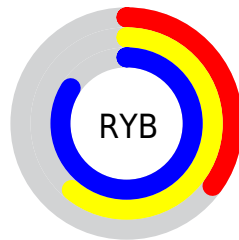
The Hex color **5AD7CF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D75A62**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **97FFFF**, and **00A099** is the 20% darker color. If you saturate the color by 10%, you get **45D7CE**, and if you desaturate by 10%, it is **70D7D0**.

# Distribution



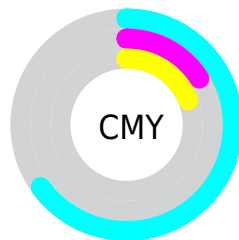
- Red (35%)
- Green (84%)
- Blue (81%)



- Red (35%)
- Yellow (61%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (65%)
- Magenta (16%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AD7CF 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 5AD7CF by changing the saturation by 10% instead.



 5AD7CF

 5AD7CF

FFFFFF

 37BBB4

 97FFFF

 00A099

 B5FFFF

 00857F

 D3FFFF

 006B66

 F2FFFF

 00524E

 003A37

 002622

 00000C

 000000

 5AD7CF

 5AD7CF

 45D7CE

 70D7D0

 2FD7CC

 85D7D2

 1AD7CB

 9BD7D3

 04D7C9

 B0D7D5

 00D7C9

 C6D7D6

 DBD7D7

 F1D7D9

 FFD7DA

 FFD7DB

# Harmonies

## Analogous

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



81D5AC



5AD7CF



4DD5EF

# Triad

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



5AD7CF



D8B7F9



EFBA84

# Complementary

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



5AD7CF



D75A62

# 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.



FFAF99



5AD7CF



F9ADDC

# Square

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



5AD7CF



A7C4FF



FFAABA



D0C680

# Rectangle

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



5AD7CF



62D1FF



FFAABA



F8B68A

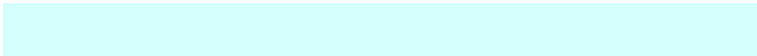


# Sweetspot

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



5AD7CF



D4FFFC



62D75A



66807E



000000



808080



# Same Dimension

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



5AD7CF



4DFFF4



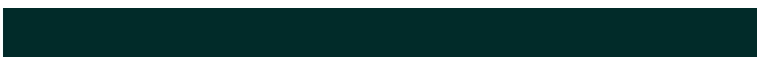
5AA1D7



606B6A



00ABA0



002B29



# Inverse Universe

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



D75A62



FF4D58



D7905A



6B6061



AB000B

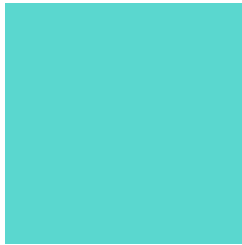


2B0003



# Previews

## White Background



This preview shows how the Hex color 5AD7CF looks on a white background.

## Color Contrast Check

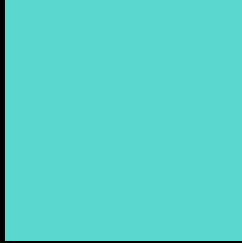
Large Text (above 18pt) WCAG AA × Fail

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 5AD7CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

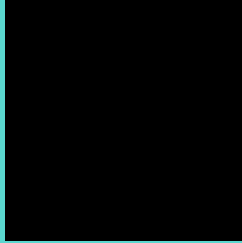
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

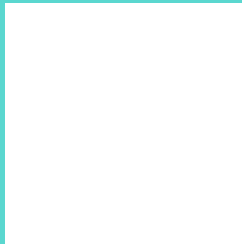
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5AD7CF Background



This preview shows how black text looks on a background with the Hex color 5AD7CF.

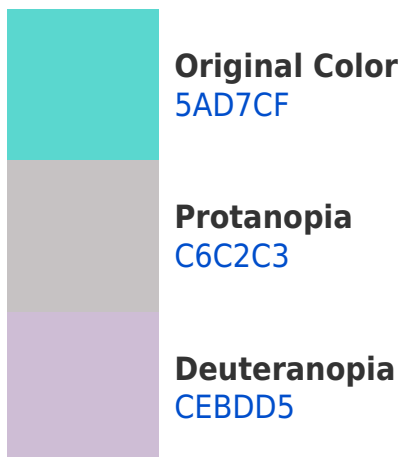


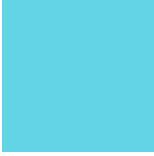
This preview shows how white text looks on a background with the Hex color 5AD7CF.

# 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**  
63D4E5

# Trichromacy



**Original Color**  
5AD7CF



**Protanomaly**  
9FCAC7



**Deuteranomaly**  
A4C6D3

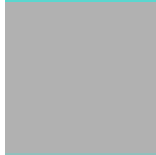


**Tritanomaly**  
60D5DD

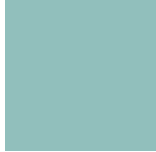
# Monochromacy



**Original Color**  
5AD7CF



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
91BFBC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AD7CF 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 #5AD7CF looks like.

```
.text, #text, p{  
    color:#5AD7CF  
}
```

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 #5AD7CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD7CF }  
}
```

## Border

The CSS property to change the border of an element to Hex 5AD7CF 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 #5AD7CF }  
}
```

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

```
.border{ border-color:#5AD7CF }
```

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

Here you see how a box with a 4 pixel #5AD7CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD7CF; -webkit-box-shadow:4px 4px  
4px 4px #5AD7CF; box-shadow:4px 4px 4px  
4px #5AD7CF }
```

# Background

The CSS property to change the background color of an element to Hex 5AD7CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD7CF }
```

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

```
.background{ background-color:#5AD7CF }
```

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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