

Converting Colors

Hex(5AD9CC)

Have a look what the booklet for
Hex(5AD9CC) contains.

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Color

Hex(5AD9CC)

Conversions

Conversions Part 1

Format	Color
Hex	5AD9CC
RGB	90, 217, 204
RGB Percent	35%, 85%, 80%
CMY	0.6471, 0.1490, 0.2000
CMYK	0.59, 0.00, 0.06, 0.15
HSL	174°, 63%, 60%
HSV	174°, 59%, 85%
XYZ	39.9284, 56.1590, 65.8621
YIQ	177.5450, -71.5190, -30.9670

Conversions

Conversions Part 2

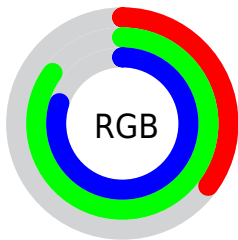
Format	Color
RYB	90, 157, 217
Decimal	5953996
CIELab	79.70, -38.05, -4.14
CIELCh	80, 38.272, 186.204
Yxy	56.1590, 0.2465, 0.3468
Android (android.graphics.Color)	4284144076 (0xFF5AD9CC)
YUV	177.5450, 13.0423, -76.7770
Hunter-Lab	74.9393, -36.0373, 0.3492

Details

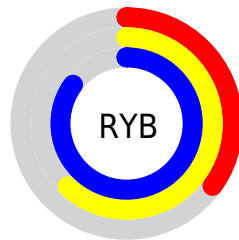
The Hex color **5AD9CC** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D95A67**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **97FFFF**, and **00A196** is the 20% darker color. If you saturate the color by 10%, you get **44D9CA**, and if you desaturate by 10%, it is **70D9CE**.

Distribution



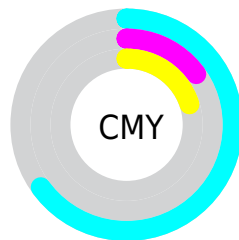
- Red (35%)
- Green (85%)
- Blue (80%)



- Red (35%)
- Yellow (62%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AD9CC 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 5AD9CC by changing the saturation by 10% instead.

 5AD9CC

 5AD9CC

FFFFFF

 37BDB1

 97FFFF

 00A196

 B5FFFF

 00877C

 D3FFFF

 006D63

 F2FFFF

 00544B

 003C35

 002720

 000009

 000000

 5AD9CC

 5AD9CC

 44D9CA

 70D9CE

 2FD9C8

 85D9D0

 19D9C5

 9BD9D3

 03D9C3

 B1D9D5

 00D9C3

 C7D9D7

 DCD9D9

 F2D9DC

 FFD9DE

 FFD9E0

Harmonies

Analogous

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



85D7A8



5AD9CC



44D7EE

Triad

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



5AD9CC



D4BAFF



F6BA85

Complementary

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



5AD9CC



D95A67

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.



FFAF9D



5AD9CC



F9AFE3

Square

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



5AD9CC



A0C6FF



FFAABF



D7C67E

Rectangle

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



5AD9CC



57D4FF



FFAABF



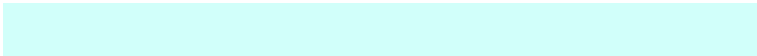
FEB68B

Sweetspot

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



5AD9CC



D1FFFA



69D95A



63807D



000000



808080

Same Dimension

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



5AD9CC



4DFFED



5AA8D9



636E6D



00AD9C



002E29

Inverse Universe

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



D95A67



FF4D5F



D98B5A



6E6364



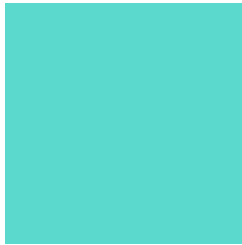
AD0012



2E0005

Previews

White Background



This preview shows how the Hex color 5AD9CC looks on a white background.

Color Contrast Check

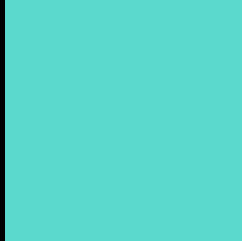
Large Text (above 18pt) WCAG AA × Fail

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 5AD9CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

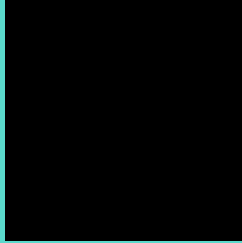
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

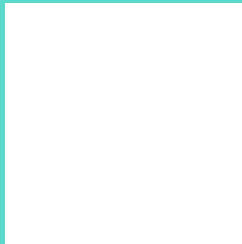
Any Text WCAG AAA ✓ Pass

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

Hex 5AD9CC Background



This preview shows how black text looks on a background with the Hex color 5AD9CC.

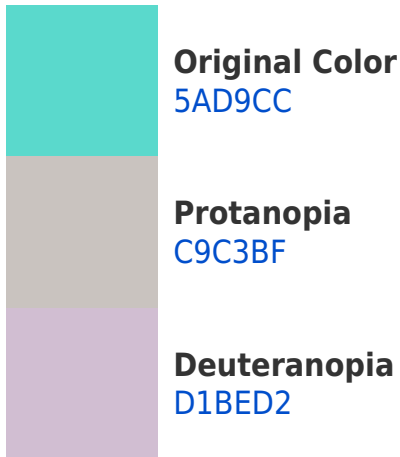


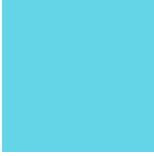
This preview shows how white text looks on a background with the Hex color 5AD9CC.

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
64D5E6

Trichromacy



Original Color
5AD9CC



Protanomaly
A1CBC4



Deuteranomaly
A6C8D0

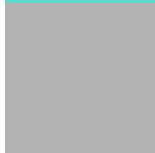


Tritanomaly
60D6DD

Monochromacy



Original Color
5AD9CC



Achromatopsia
B2B2B2



Achromatomaly
92C0BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AD9CC 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 #5AD9CC looks like.

```
.text, #text, p{  
    color:#5AD9CC  
}
```

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 #5AD9CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD9CC  
}
```

Border

The CSS property to change the border of an element to Hex 5AD9CC 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  
#5AD9CC }
```

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

```
.border{ border-color:#5AD9CC }
```

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

Here you see how a box with a 4 pixel #5AD9CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD9CC; -webkit-box-shadow:4px 4px  
4px 4px #5AD9CC; box-shadow:4px 4px 4px  
4px #5AD9CC }
```

Background

The CSS property to change the background color of an element to Hex 5AD9CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD9CC }
```

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

```
.background{ background-color:#5AD9CC }
```

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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