

Converting Colors

Hex(5ADEC9)

Have a look what the booklet for
Hex(5ADEC9) contains.

Hex(5ADEC9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5ADEC9)

Conversions

Conversions Part 1

Format	Color
Hex	5ADEC9
RGB	90, 222, 201
RGB Percent	35%, 87%, 79%
CMY	0.6471, 0.1294, 0.2118
CMYK	0.59, 0.00, 0.09, 0.13
HSL	170°, 67%, 61%
HSV	170°, 59%, 87%
XYZ	40.8803, 58.6333, 64.4211
YIQ	180.1380, -71.9310, -34.5150

Conversions

Conversions Part 2

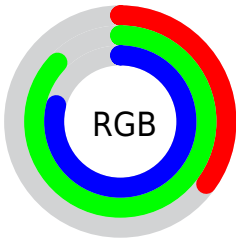
Format	Color
RYB	90, 162, 222
Decimal	5955273
CIELab	81.09, -41.07, -0.50
CIELCh	81, 41.069, 180.704
Yxy	58.6333, 0.2494, 0.3577
Android (android.graphics.Color)	4284145353 (0xFF5ADEC9)
YUV	180.1380, 10.2850, -79.0510
Hunter-Lab	76.5724, -38.7043, 3.7194

Details

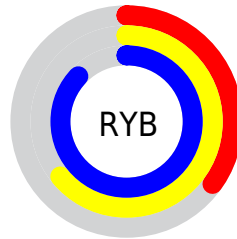
The Hex color **5ADEC9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE5A6F**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **98FFFF**, and **00A693** is the 20% darker color. If you saturate the color by 10%, you get **44DEC5**, and if you desaturate by 10%, it is **70DECD**.

Distribution



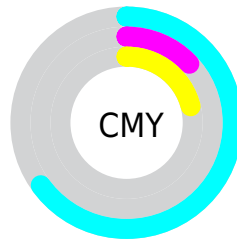
- Red (35%)
- Green (87%)
- Blue (79%)



- Red (35%)
- Yellow (64%)
- Blue (87%)



- Cyan (59%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (65%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ADEC9 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 5ADEC9 by changing the saturation by 10% instead.

 5ADEC9

 5ADEC9

FFFFFF

 37C2AE

 98FFFF

 00A693

 B6FFFF

 008B79

 D4FFFF


 007161

 F2FFFF

 005849

 003F33

 002A1D

 000805

 000000

 5ADEC9

 5ADEC9

 44DEC5

 70DECD

 2EDEC2

 86DED0

 17DEBE

 9DDED4

 01DEBB

 B3DED7

 00DEBB

 C9DEDB

 DFDEDE

 F5DEE2

 FFDEE5

 FFDEE9

Harmonies

Analogous

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



8CDBA3



5ADEC9



32DDEF

Triad

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



5ADEC9



CFBFFF



FFBA87

Complementary

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



5ADEC9



DE5A6F

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.



FFAFA4



5ADEC9



FBB2F0

Square

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



5ADEC9



94CDFE



FFACCA



E2C77C

Rectangle

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



5ADEC9



41DAFF



FFACCA



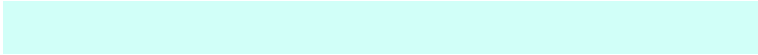
FFB68F

Sweetspot

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



5ADEC9



D1FFF8



70DE5A



63807B



000000



808080

Same Dimension

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



5ADEC9



4AFFE2



5AB2DE



65706E



00B094



003029

Inverse Universe

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



DE5A6F



FF4A67



DE865A



706567



B0001C



300008

Previews

White Background



This preview shows how the Hex color 5ADEC9 looks on a white background.

Color Contrast Check

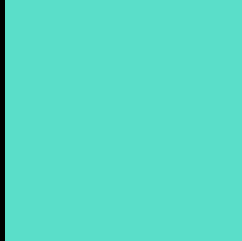
Large Text (above 18pt) WCAG AA × Fail

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 5ADEC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

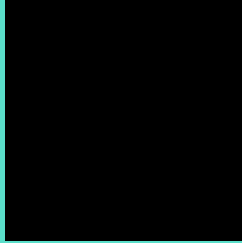
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

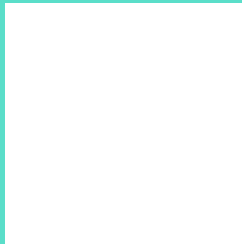
Any Text WCAG AAA ✓ Pass

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

Hex 5ADEC9 Background



This preview shows how black text looks on a background with the Hex color 5ADEC9.



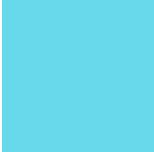
This preview shows how white text looks on a background with the Hex color 5ADEC9.

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



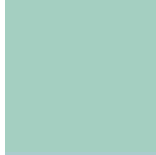


Tritanopia
67D9EB

Trichromacy



Original Color
5ADEC9



Protanomaly
A4CFC1



Deuteranomaly
AACCCD

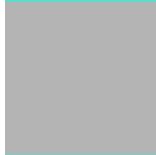


Tritanomaly
62DBDF

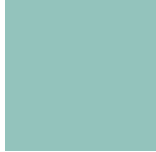
Monochromacy



Original Color
5ADEC9



Achromatopsia
B4B4B4



Achromatomaly
93C3BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 5ADEC9 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 #5ADEC9 looks like.

```
.text, #text, p{  
    color:#5ADEC9  
}
```

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 #5ADEC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ADEC9
}
```

Border

The CSS property to change the border of an element to Hex 5ADEC9 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
#5ADEC9 }
```

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

```
.border{ border-color:#5ADEC9 }
```

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

Here you see how a box with a 4 pixel #5ADEC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ADEC9; -webkit-box-shadow:4px 4px  
4px 4px #5ADEC9; box-shadow:4px 4px 4px  
4px #5ADEC9 }
```

Background

The CSS property to change the background color of an element to Hex 5ADEC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ADEC9 }
```

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

```
.background{ background-color:#5ADEC9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor