

Converting Colors

Hex(5ADFC1)

Have a look what the booklet for
Hex(5ADFC1) contains.

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Color

Hex(5ADFC1)

Conversions

Conversions Part 1

Format	Color
Hex	5ADFC1
RGB	90, 223, 193
RGB Percent	35%, 87%, 76%
CMY	0.6471, 0.1255, 0.2431
CMYK	0.60, 0.00, 0.13, 0.13
HSL	166°, 68%, 61%
HSV	166°, 60%, 87%
XYZ	40.2298, 58.7993, 59.6811
YIQ	179.8130, -69.6380, -37.5260

Conversions

Conversions Part 2

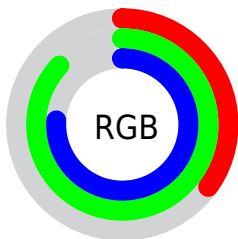
Format	Color
RYB	90, 165, 223
Decimal	5955521
CIELab	81.18, -43.47, 3.88
CIELCh	81, 43.646, 174.905
Yxy	58.7993, 0.2535, 0.3705
Android (android.graphics.Color)	4284145601 (0xFF5ADFC1)
YUV	179.8130, 6.5012, -78.7660
Hunter-Lab	76.6807, -40.5429, 7.5306

Details

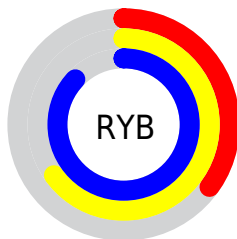
The Hex color **5ADFC1** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **DF5A78**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **97FFF9**, and **00A78C** is the 20% darker color. If you saturate the color by 10%, you get **44DFBC**, and if you desaturate by 10%, it is **70DFC6**.

Distribution



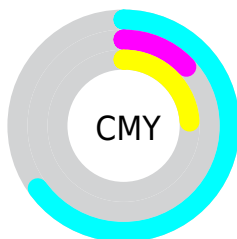
- Red (35%)
- Green (87%)
- Blue (76%)



- Red (35%)
- Yellow (65%)
- Blue (87%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (65%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ADFC1 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 5ADFC1 by changing the saturation by 10% instead.

 5ADFC1

 5ADFC1

FFFFFF

 37C3A6

 97FFF9

 00A78C

 B5FFFF

 008C72

 D3FFFF

 00725A

 F2FFFF

 005842

 00402C

 002A18

 000800

 000000

 5ADFC1

 5ADFC1

 44DFBC

 70DFC6

 2DDFB7

 87DFCB

 17DFB2

 9DDFD0

 01DFAD

 B3DFD5

 00DFAD

 CADFDA

 E0DFDF

 F6DFE4

 FFDFE9

 FFDFEE

Harmonies

Analogous

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



92DB99



5ADFC1



0EDFEB

Triad

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



5ADFC1



C4C2FF



FFB788

Complementary

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



5ADFC1



DF5A78

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.



FFACA9



5ADFC1



F6B3F9

Square

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



5ADFC1



81D0FF



FFAAD2



EBC578

Rectangle

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



5ADFC1



11DCFF



FFAAD2



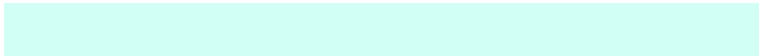
FFB292

Sweetspot

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



5ADFC1



D1FFF5



79DF5A



638079



000000



808080

Same Dimension

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



5ADFC1



47FFD6



5ABCFD



65706E



00B088



003026

Inverse Universe

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



DF5A78



FF4771



DF7D5A



706568



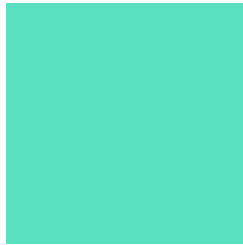
B00028



30000B

Previews

White Background



This preview shows how the Hex color 5ADFC1 looks on a white background.

Color Contrast Check

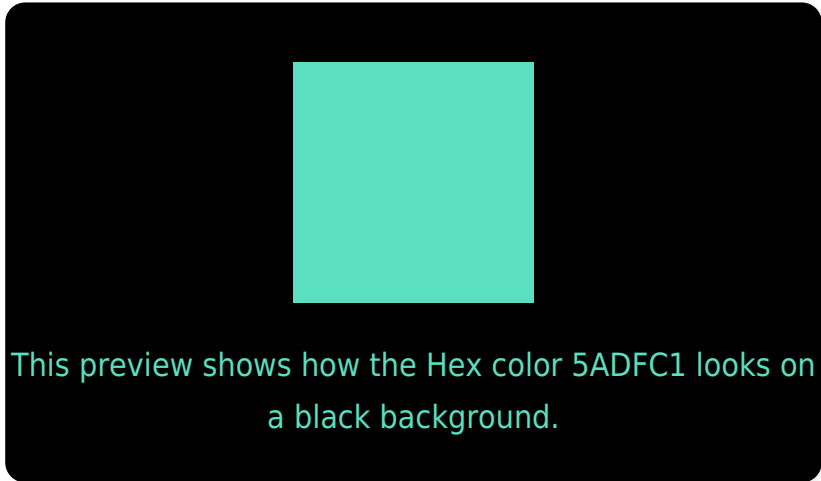
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

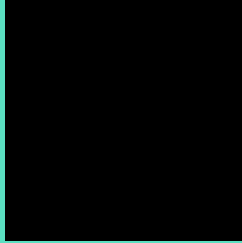
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

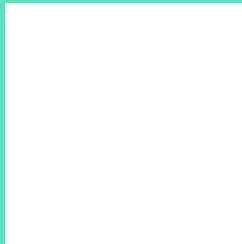
Any Text WCAG AAA ✓ Pass

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

Hex 5ADFC1 Background



This preview shows how black text looks on a background with the Hex color 5ADFC1.



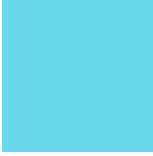
This preview shows how white text looks on a background with the Hex color 5ADFC1.

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
6AD9EB

Trichromacy



Original Color
5ADFC1



Protanomaly
A5D0B9



Deuteranomaly
ADCDC5

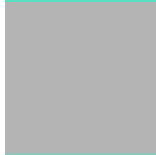


Tritanomaly
64DBDC

Monochromacy



Original Color
5ADFC1



Achromatopsia
B4B4B4



Achromatomaly
93C4B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 5ADFC1 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 #5ADFC1 looks like.

```
.text, #text, p{  
    color:#5ADFC1  
}
```

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 #5ADFC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ADFC1
}
```

Border

The CSS property to change the border of an element to Hex 5ADFC1 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
#5ADFC1 }
```

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

```
.border{ border-color:#5ADFC1 }
```

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

Here you see how a box with a 4 pixel #5ADFC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ADFC1; -webkit-box-shadow:4px 4px  
4px 4px #5ADFC1; box-shadow:4px 4px 4px  
4px #5ADFC1 }
```

Background

The CSS property to change the background color of an element to Hex 5ADFC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ADFC1 }
```

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

```
.background{ background-color:#5ADFC1 }
```

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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