

Converting Colors

Hex(5AC1D3)

Have a look what the booklet for
Hex(5AC1D3) contains.

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Color

Hex(5AC1D3)

Conversions

Conversions Part 1

Format	Color
Hex	5AC1D3
RGB	90, 193, 211
RGB Percent	35%, 76%, 83%
CMY	0.6471, 0.2431, 0.1725
CMYK	0.57, 0.09, 0.00, 0.17
HSL	189°, 58%, 59%
HSV	189°, 57%, 83%
XYZ	35.0443, 45.0167, 68.4701
YIQ	164.2550, -67.1660, -16.2380

Conversions

Conversions Part 2

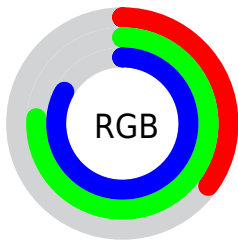
Format	Color
RYB	90, 146, 211
Decimal	5947859
CIELab	72.90, -24.67, -18.07
CIELCh	73, 30.577, 216.217
Yxy	45.0167, 0.2359, 0.3031
Android (android.graphics.Color)	4284137939 (0xFF5AC1D3)
YUV	164.2550, 23.0453, -65.1216
Hunter-Lab	67.0945, -24.1827, -13.5394

Details

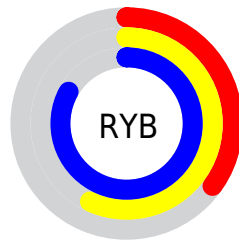
The Hex color **5AC1D3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D36C5A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **96FAFF**, and **058B9C** is the 20% darker color. If you saturate the color by 10%, you get **45BED3**, and if you desaturate by 10%, it is **6FC4D3**.

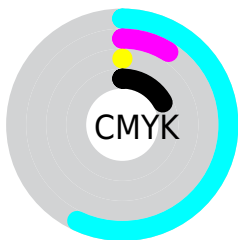
Distribution



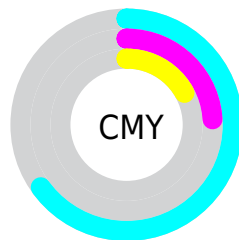
- Red (35%)
- Green (76%)
- Blue (83%)



- Red (35%)
- Yellow (57%)
- Blue (83%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (65%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AC1D3 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 5AC1D3 by changing the saturation by 10% instead.

■ 5AC1D3

■ 5AC1D3

FFFFFF

■ 39A6B7

■ 96FAFF

■ 058B9C

■ B3FFFF

■ 007182

■ D1FFFF

■ 005969

■ EFFFFFF

■ 004151

■ 002A3A

■ 001424

■ 00010E

■ 000000

■ 5AC1D3

■ 5AC1D3

■ 45BED3

■ 6FC4D3

■ 30BBD3

■ 84C7D3

■ 1BB8D3

■ 99CAD3

■ 06B4D3

■ AECED3

■ 00B4D3

■ C4D1D3

■ D9D4D3

■ EED7D3

■ FFDAD3

■ FFDDD3

Harmonies

Analogous

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



65C2B8



5AC1D3



70BCE5

Triad

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



5AC1D3



DCA1CA



C1B37B

Complementary

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



5AC1D3



D36C5A

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.



DAAA80



5AC1D3



EA9EAE

Square

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



5AC1D3



BEAAE0



E9A193



A2BB85

Rectangle

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



5AC1D3



89B7EA



E9A193



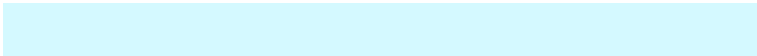
CAB07B

Sweetspot

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



5AC1D3



D4F9FF



5AD36A



667C80



000000



808080

Same Dimension

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



5AC1D3



4FE5FF



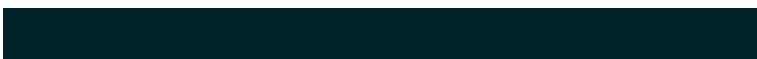
5A86D3



5E6769



008FA8



002329

Inverse Universe

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



D35AC1



FF4FE5



D3A75A



695E67



A8008F



290023

Previews

White Background



This preview shows how the Hex color 5AC1D3 looks on a white background.

Color Contrast Check

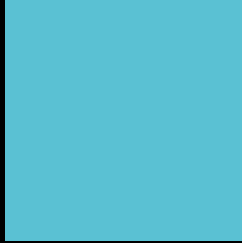
Large Text (above 18pt) WCAG AA × Fail

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 5AC1D3 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 5AC1D3 Background



This preview shows how black text looks on a background with the Hex color 5AC1D3.

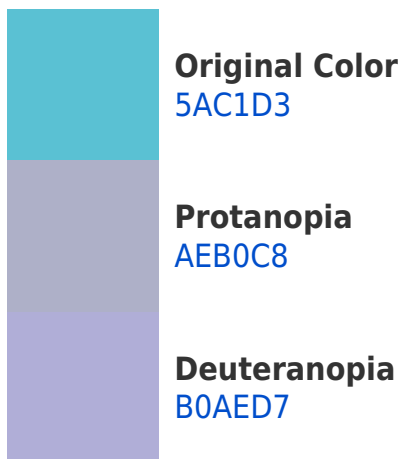


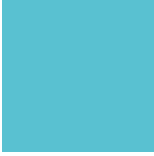
This preview shows how white text looks on a background with the Hex color 5AC1D3.

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
59C1D1

Trichromacy



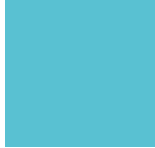
Original Color
5AC1D3



Protanomaly
8FB6CC



Deuteranomaly
91B5D6

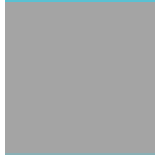


Tritanomaly
59C1D2

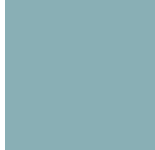
Monochromacy



Original Color
5AC1D3



Achromatopsia
A4A4A4



Achromatomaly
89AFB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AC1D3 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 #5AC1D3 looks like.

```
.text, #text, p{  
    color:#5AC1D3  
}
```

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 #5AC1D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC1D3
}
```

Border

The CSS property to change the border of an element to Hex 5AC1D3 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
#5AC1D3 }
```

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

```
.border{ border-color:#5AC1D3 }
```

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

Here you see how a box with a 4 pixel #5AC1D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC1D3; -webkit-box-shadow:4px 4px  
4px 4px #5AC1D3; box-shadow:4px 4px 4px  
4px #5AC1D3 }
```

Background

The CSS property to change the background color of an element to Hex 5AC1D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC1D3 }
```

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

```
.background{ background-color:#5AC1D3 }
```

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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