

# Converting Colors

Hex(5AC1D4)

Have a look what the booklet for  
Hex(5AC1D4) contains.

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# **Color**

**Hex(5AC1D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AC1D4
RGB	90, 193, 212
RGB Percent	35%, 76%, 83%
CMY	0.6471, 0.2431, 0.1686
CMYK	0.58, 0.09, 0.00, 0.17
HSL	189°, 59%, 59%
HSV	189°, 58%, 83%
XYZ	35.1701, 45.0671, 69.1325
YIQ	164.3690, -67.4870, -15.9270

# Conversions

## Conversions Part 2

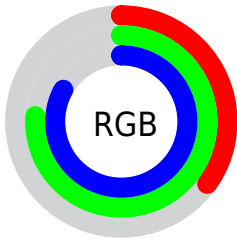
Format	Color
<a href="#">RYB</a>	<a href="#">90, 146, 212</a>
Decimal	<a href="#">5947860</a>
CIELab	<a href="#">72.94, -24.38, -18.56</a>
CIELCh	<a href="#">73, 30.643, 217.278</a>
Yxy	<a href="#">45.0671, 0.2355, 0.3017</a>
Android (android.graphics.Color)	<a href="#">4284137940</a> ( <a href="#">0xFF5AC1D4</a> )
YUV	<a href="#">164.3690, 23.4821, -65.2216</a>
Hunter-Lab	<a href="#">67.1320, -23.9658, -14.0644</a>

# Details

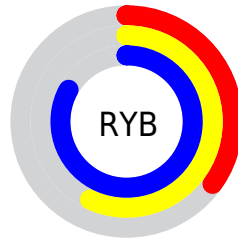
The Hex color **5AC1D4** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D46D5A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **96FAFF**, and **048B9D** is the 20% darker color. If you saturate the color by 10%, you get **45BED4**, and if you desaturate by 10%, it is **6FC4D4**.

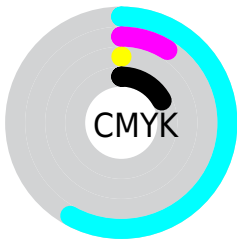
# Distribution



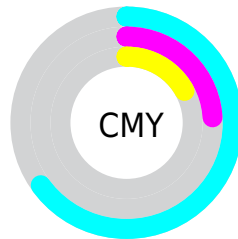
- Red (35%)
- Green (76%)
- Blue (83%)



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



- Cyan (58%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AC1D4 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 5AC1D4 by changing the saturation by 10% instead.



 5AC1D4

 5AC1D4

FFFFFF

 39A6B8

 96FAFF

 048B9D

 B3FFFF

 007183

 D1FFFF


 00596A

 EFFFFFF

 004152

 002A3B

 001425

 00010F

 000000

 5AC1D4

 5AC1D4

 45BED4

 6FC4D4

 30BAD4

 84C8D4

 1AB7D4

 9ACBD4

 05B4D4

 AFCED4

 00B3D4

 C4D2D4

 D9D5D4

 EED8D4

 FFDBD4

 FFDFD4

# Harmonies

## Analogous

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



64C3B9



5AC1D4



71BCE6

# Triad

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



5AC1D4



DDA1C9



C0B37B

# Complementary

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



5AC1D4



D46D5A

# 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.



D9AA80



5AC1D4



EA9EAD

# Square

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



5AC1D4



C0A9E0



E9A292



A1BB86

# Rectangle

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



5AC1D4



8BB6EB



E9A292



C9B07B

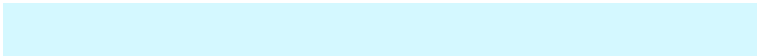


# Sweetspot

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



5AC1D4



D4F8FF



5AD46C



667C80



000000



808080



# Same Dimension

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



5AC1D4



4FE4FF



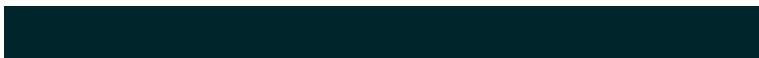
5A85D4



60696B



0090AB



00252B



# Inverse Universe

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



D45AC1



FF4FE4



D4A95A



6B6069



AB0090

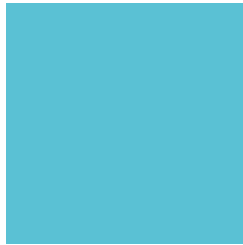


2B0025



# Previews

## White Background



This preview shows how the Hex color 5AC1D4 looks on a white background.

## Color Contrast Check

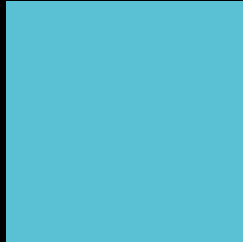
Large Text (above 18pt) WCAG AA × Fail

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 5AC1D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

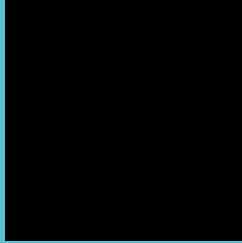
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5AC1D4 Background



This preview shows how black text looks on a background with the Hex color 5AC1D4.

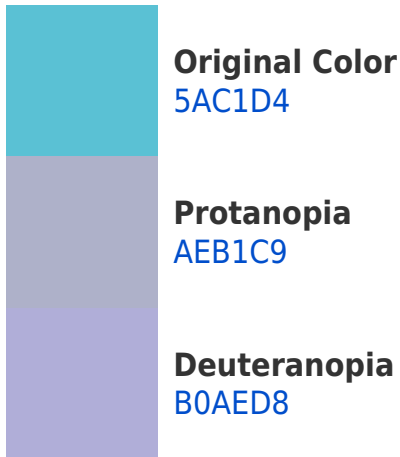


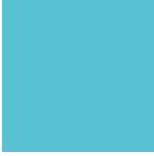
This preview shows how white text looks on a background with the Hex color 5AC1D4.

# 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**  
5AC1D4



**Protanomaly**  
8FB7CD



**Deuteranomaly**  
91B5D7

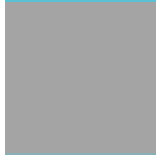


**Tritanomaly**  
59C1D2

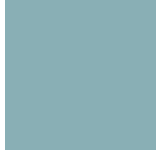
# Monochromacy



**Original Color**  
5AC1D4



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
89AFB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AC1D4 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 #5AC1D4 looks like.

```
.text, #text, p{  
    color:#5AC1D4  
}
```

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 #5AC1D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC1D4
}
```

## Border

The CSS property to change the border of an element to Hex 5AC1D4 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
#5AC1D4 }
```

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

```
.border{ border-color:#5AC1D4 }
```

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

Here you see how a box with a 4 pixel #5AC1D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC1D4; -webkit-box-shadow:4px 4px  
4px 4px #5AC1D4; box-shadow:4px 4px 4px  
4px #5AC1D4 }
```

# Background

The CSS property to change the background color of an element to Hex 5AC1D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC1D4 }
```

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

```
.background{ background-color:#5AC1D4 }
```

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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