

# Converting Colors

Hex(5AD2E3)

Have a look what the booklet for  
Hex(5AD2E3) contains.

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# **Color**

**Hex(5AD2E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD2E3
RGB	90, 210, 227
RGB Percent	35%, 82%, 89%
CMY	0.6471, 0.1765, 0.1098
CMYK	0.60, 0.07, 0.00, 0.11
HSL	187°, 71%, 62%
HSV	187°, 60%, 89%
XYZ	41.1282, 53.8129, 80.8923
YIQ	176.0580, -76.9770, -20.1530

# Conversions

## Conversions Part 2

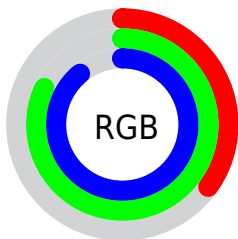
Format	Color
<a href="#">RYB</a>	<a href="#">90, 154, 227</a>
Decimal	<a href="#">5952227</a>
CIELab	<a href="#">78.35, -28.51, -18.46</a>
CIELCh	<a href="#">78, 33.964, 212.929</a>
Yxy	<a href="#">53.8129, 0.2339, 0.3060</a>
Android (android.graphics.Color)	<a href="#">4284142307 (0xFF5AD2E3)</a>
YUV	<a href="#">176.0580, 25.1144, -75.4729</a>
Hunter-Lab	<a href="#">73.3573, -28.2982, -14.0300</a>

# Details

The Hex color **5AD2E3** 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 **E36B5A**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **98FFFF**, and **009BAC** is the 20% darker color. If you saturate the color by 10%, you get **43CFE3**, and if you desaturate by 10%, it is **71D5E3**.

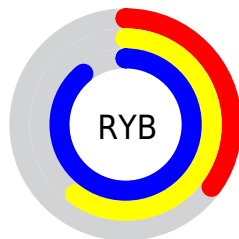
# Distribution



Red (35%)

Green (82%)

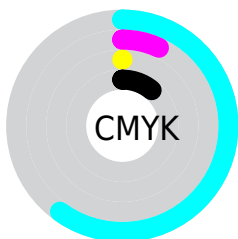
Blue (89%)



Red (35%)

Yellow (60%)

Blue (89%)

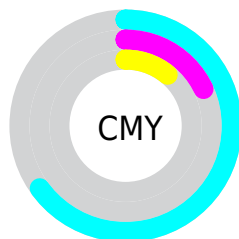


Cyan (60%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (65%)

Magenta (18%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AD2E3 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 5AD2E3 by changing the saturation by 10% instead.



 5AD2E3

 5AD2E3

FFFFFF

 36B6C7


 98FFFF

 009BAC

 B6FFFF

 008191

 D5FFFF

 006777

 F3FFFF

 004F5F

 003747

 002330

 00021C

 000000

■ 5AD2E3

■ 5AD2E3

■ 43CFE3

■ 71D5E3

■ 2DCCE3

■ 87D8E3

■ 16CAE3

■ 9EDAE3

■ 00C7E3

■ B5DDE3

■ CCE0E3

■ E2E3E3

■ F9E6E3

■ FFE9E3

■ FFEBE3

# Harmonies

## Analogous

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



6BD3C4



5AD2E3



70CDF9

# Triad

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



5AD2E3



EDAADF



D5C183

# Complementary

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



5AD2E3



E36B5A

# 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.



F0B68B



5AD2E3



FFAAC0

# Square

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



5AD2E3



CAB9F7



FFADA1



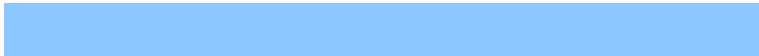
B3CA8C

# Rectangle

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



5AD2E3



8DC7FF



FFADA1



DFBD83

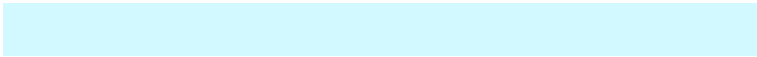


# Sweetspot

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



5AD2E3



D1F9FF



5AE36A



637C80



000000



808080



# Same Dimension

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



5AD2E3



47E8FF



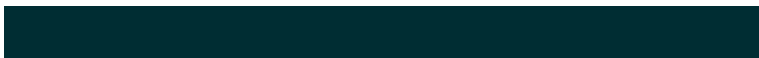
5A8FE3



677173



009CB3



002D33



# Inverse Universe

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



E35AD2



FF47E8



E3AE5A



736771



B3009C

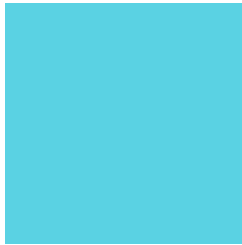


33002D



# Previews

## White Background



This preview shows how the Hex color 5AD2E3 looks on a white background.

## Color Contrast Check

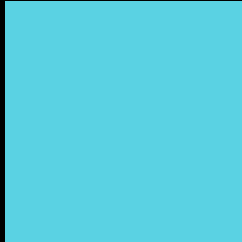
Large Text (above 18pt) WCAG AA × Fail

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 5AD2E3 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 5AD2E3 Background



This preview shows how black text looks on a background with the Hex color 5AD2E3.

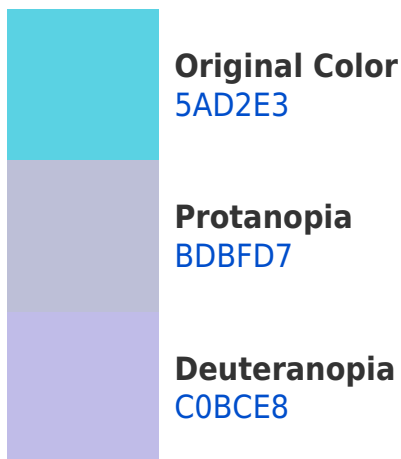


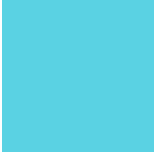
This preview shows how white text looks on a background with the Hex color 5AD2E3.

# 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](#).

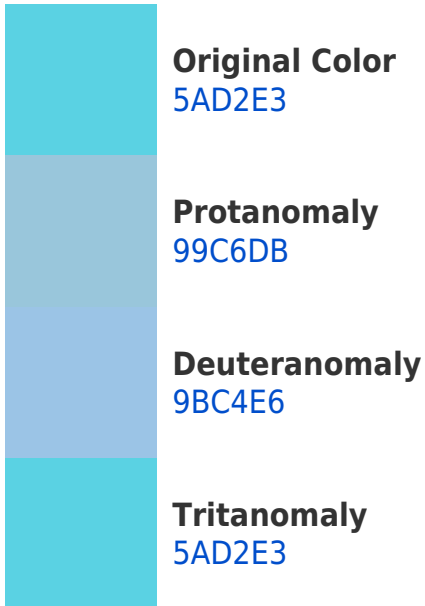
## Dichromacy



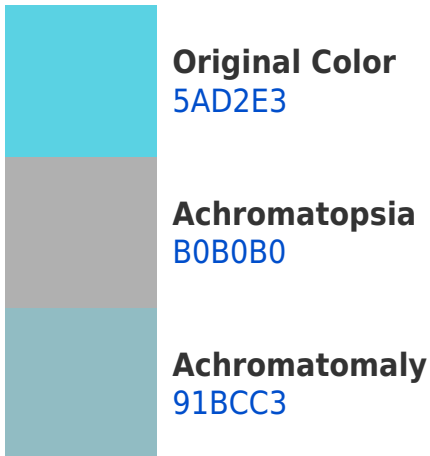


**Tritanopia**  
5AD2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AD2E3 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 #5AD2E3 looks like.

```
.text, #text, p{  
    color:#5AD2E3  
}
```

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 #5AD2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD2E3
}
```

## Border

The CSS property to change the border of an element to Hex 5AD2E3 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
#5AD2E3 }
```

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

```
.border{ border-color:#5AD2E3 }
```

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

Here you see how a box with a 4 pixel #5AD2E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD2E3; -webkit-box-shadow:4px 4px  
4px 4px #5AD2E3; box-shadow:4px 4px 4px  
4px #5AD2E3 }
```

# Background

The CSS property to change the background color of an element to Hex 5AD2E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD2E3 }
```

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

```
.background{ background-color:#5AD2E3 }
```

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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