

# Converting Colors

Hex(5DAACB)

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

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# **Color**

**Hex(5DAACB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DAACB
RGB	93, 170, 203
RGB Percent	36%, 67%, 80%
CMY	0.6353, 0.3333, 0.2039
CMYK	0.54, 0.16, 0.00, 0.20
HSL	198°, 51%, 58%
HSV	198°, 54%, 80%
XYZ	29.6684, 35.3884, 61.7669
YIQ	150.7390, -56.4850, -6.0610

# Conversions

## Conversions Part 2

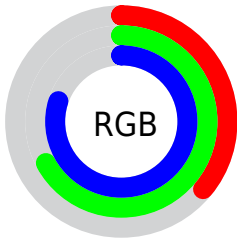
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 138, 203
Decimal	6138571
CIELab	66.05, -14.49, -24.10
CIELCh	66, 28.118, 238.981
Yxy	35.3884, 0.2339, 0.2790
Android (android.graphics.Color)	4284328651 (0xFF5DAACB)
YUV	150.7390, 25.7647, -50.6371
Hunter-Lab	59.4882, -15.0813, -19.9194

# Details

The Hex color **5DAACB** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **CB7E5D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **96E1FF**, and **1B7695** is the 20% darker color. If you saturate the color by 10%, you get **49A4CB**, and if you desaturate by 10%, it is **71B0CB**.

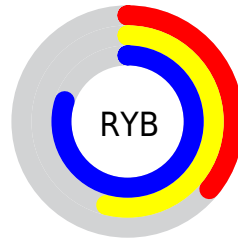
# Distribution



Red (36%)

Green (67%)

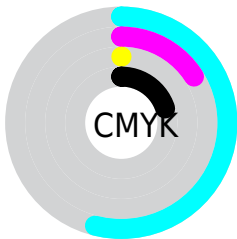
Blue (80%)



Red (36%)

Yellow (54%)

Blue (80%)

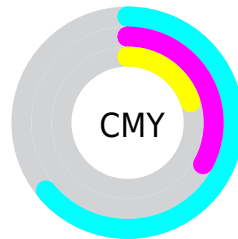


Cyan (54%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (64%)

Magenta (33%)

Yellow (20%)

# Brightness & Saturation Gradients

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



■ 5DAACB

FFFFFF

■ 96E1FF

■ B3FEFF

■ D0FFFF

■ EEEFFF

■ 5DAACB

■ 3F8FB0

■ 1B7695

■ 005D7B

■ 004562

■ 002F4A

■ 001B33

■ 00021E

■ 000000

■ 5DAACB

■ 5DAACB

49A4CB

71B0CB

349ECB

86B6CB

2098CB

9ABCCB

0C92CB

AEC2CB

008ECB

C3C8CB

D7CFCB

EBD5CB

FFDBCBC

FFE1CB

# Harmonies

## Analogous

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



50AEB8



5DAACB



7FA3D3

# Triad

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



5DAACB



D08EA2



99A674

# Complementary

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



5DAACB



CB7E5D

# 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.



B39F6E



5DAACB



D29089

# Square

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



5DAACB



C092BB



C89676



7BAC86

# Rectangle

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



5DAACB



979DD0



C89676



A2A470

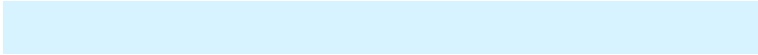


# Sweetspot

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



5DAACB



D6F3FF



5DCB7E



677880



000000



808080



# Same Dimension

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



5DAACB



59CDFF



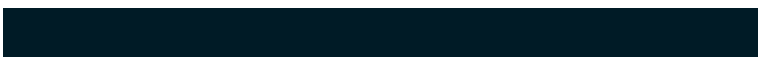
5D73CB



5C6366



0074A6



001B26



# Inverse Universe

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



CB5DAA



FF59CD



CBB55D



665C63



A60074

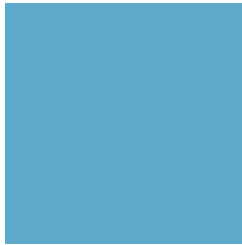


26001B



# Previews

## White Background



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

## Color Contrast Check

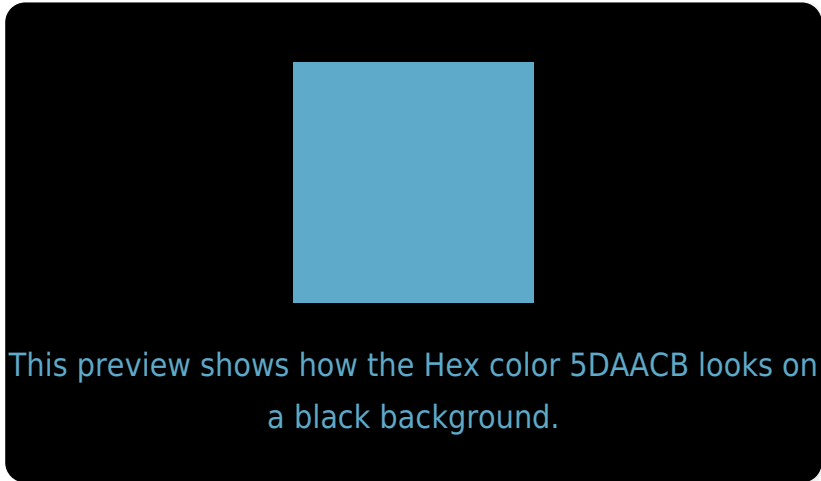
Large Text (above 18pt) WCAG AA × Fail

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 5DAACB Background



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

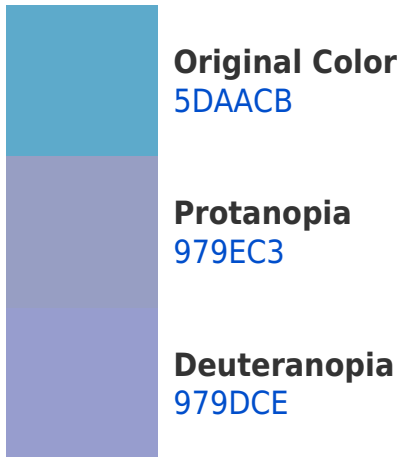


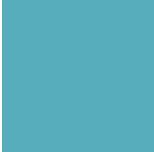
This preview shows how white text looks on a background with the Hex color 5DAACB.

# 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](#).

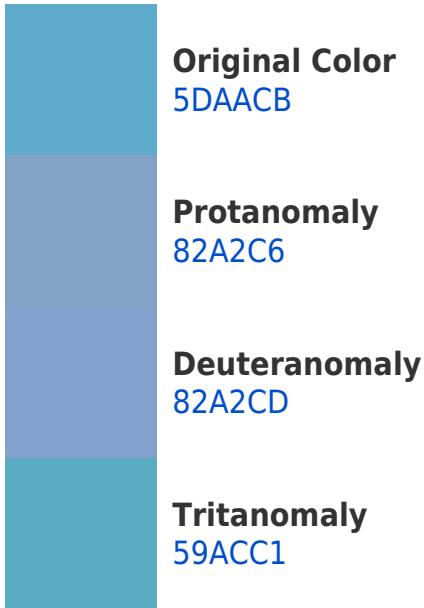
## Dichromacy



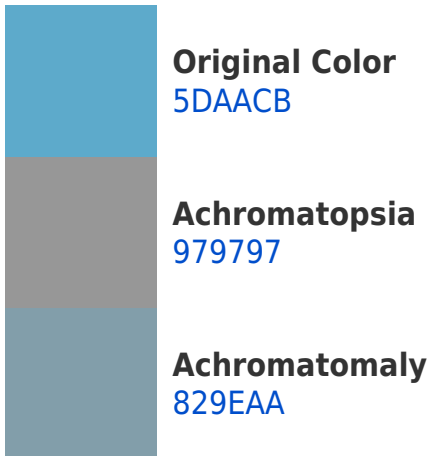


**Tritanopia**  
57ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #5DAACB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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