

# Converting Colors

Hex(5AADCE)

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

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# Color

**Hex(5AADCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AADCE
RGB	90, 173, 206
RGB Percent	35%, 68%, 81%
CMY	0.6471, 0.3216, 0.1922
CMYK	0.56, 0.16, 0.00, 0.19
HSL	197°, 54%, 58%
HSV	197°, 56%, 81%
XYZ	30.3006, 36.5170, 63.8440
YIQ	151.9450, -60.0610, -7.3330

# Conversions

## Conversions Part 2

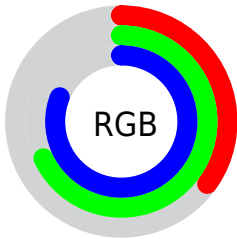
Format	Color
<a href="#">RYB</a>	<a href="#">90, 138, 206</a>
Decimal	<a href="#">5942734</a>
CIELab	<a href="#">66.91, -15.82, -24.44</a>
CIELCh	<a href="#">67, 29.116, 237.092</a>
Yxy	<a href="#">36.5170, 0.2319, 0.2795</a>
Android (android.graphics.Color)	<a href="#">4284132814 (0xFF5AADCE)</a>
YUV	<a href="#">151.9450, 26.6491, -54.3258</a>
Hunter-Lab	<a href="#">60.4293, -16.2475, -20.3398</a>

# Details

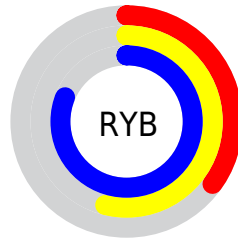
The Hex color **5AADCE** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **CE7B5A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **94E4FF**, and **117998** is the 20% darker color. If you saturate the color by 10%, you get **45A7CE**, and if you desaturate by 10%, it is **6FB3CE**.

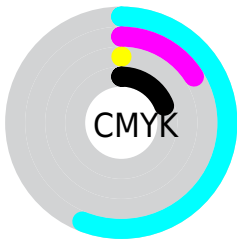
# Distribution



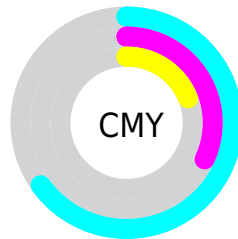
- Red (35%)
- Green (68%)
- Blue (81%)



- Red (35%)
- Yellow (54%)
- Blue (81%)



- Cyan (56%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (32%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



■ 5AADCE

■ 5AADCE

FFFFFF

■ 3B92B2

■ 94E4FF

■ 117998

■ B1FFFF

■ 00607E

■ CFFFFFF

■ 004865

■ ECFFFF

■ 00314C

■ 001D36

■ 000220

■ 000005

■ 000000

■ 5AADCE

■ 5AADCE

■ 45A7CE

■ 6FB3CE

■ 31A1CE

■ 83B9CE

■ 1C9BCE

■ 98BFCE

■ 0896CE

■ ACC4CE

■ 0093CE

■ C1CACE

■ D6D0CE

■ EAD6CE

■ FFDCCE

■ FFE2CE

# Harmonies

## Analogous

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



4FB1BA



5AADCE



7DA6D7

# Triad

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



5AADCE



D48FA6



9CA874

# Complementary

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



5AADCE



CE7B5A

# 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.



B8A06F



5AADCE



D7918C

# Square

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



5AADCE



C294C0



CC9778



7EAE86

# Rectangle

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



5AADCE



97A0D5



CC9778



A6A670

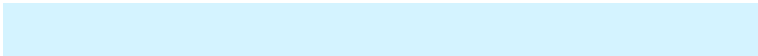


# Sweetspot

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



5AADCE



D4F3FF



5ACE7B



667880



000000



808080



# Same Dimension

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



5AADCE



52CEFF



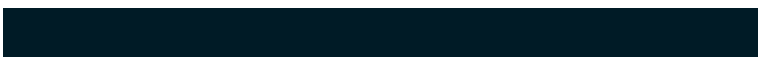
5A73CE



5C6366



0077A6



001B26



# Inverse Universe

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



CE5AAD



FF52CE



CEB55A



665C63



A60077

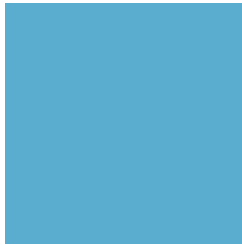


26001B



# Previews

## White Background



This preview shows how the Hex color 5AADCE 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 5AADCE 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 5AADCE Background



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

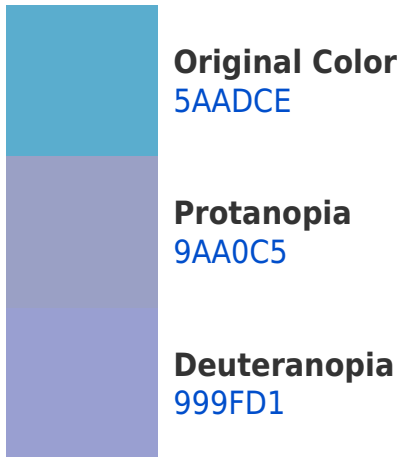


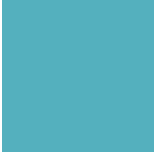
This preview shows how white text looks on a background with the Hex color 5AADCE.

# 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](#).

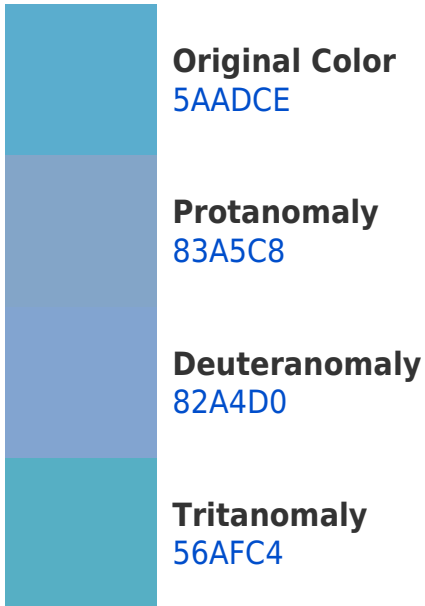
## Dichromacy



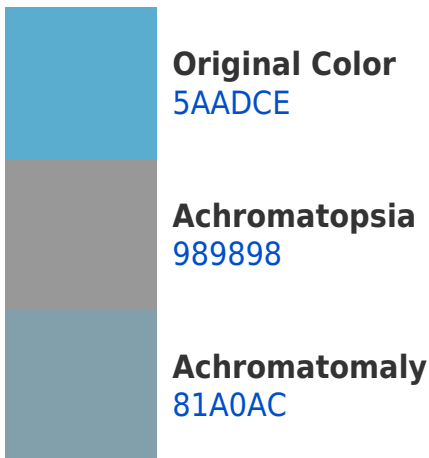


**Tritanopia**  
54B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #5AADCE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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