

Converting Colors

Hex(5AB9DE)

Have a look what the booklet for
Hex(5AB9DE) contains.

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Color

Hex(5AB9DE)

Conversions

Conversions Part 1

Format	Color
Hex	5AB9DE
RGB	90, 185, 222
RGB Percent	35%, 73%, 87%
CMY	0.6471, 0.2745, 0.1294
CMYK	0.59, 0.17, 0.00, 0.13
HSL	197°, 67%, 61%
HSV	197°, 59%, 87%
XYZ	34.7502, 42.1455, 75.4106
YIQ	160.8130, -68.4970, -8.6330

Conversions

Conversions Part 2

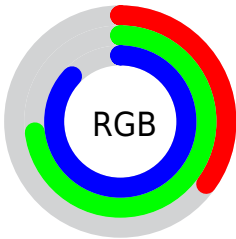
Format	Color
R _Y B	90, 145, 222
Decimal	5945822
CIE Lab	70.97, -17.35, -27.00
CIE LCh	71, 32.094, 237.280
Yxy	42.1455, 0.2282, 0.2767
Android (android.graphics.Color)	4284135902 (0xFF5AB9DE)
YUV	160.8130, 30.1652, -62.1030
Hunter-Lab	64.9196, -18.0616, -23.4276

Details

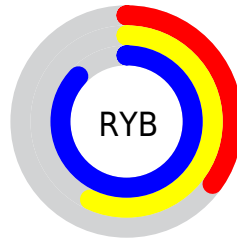
The Hex color **5AB9DE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **DE7F5A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **96F1FF**, and **0084A7** is the 20% darker color. If you saturate the color by 10%, you get **44B3DE**, and if you desaturate by 10%, it is **70BFDE**.

Distribution



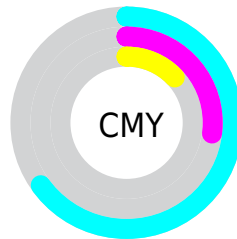
- Red (35%)
- Green (73%)
- Blue (87%)



- Red (35%)
- Yellow (57%)
- Blue (87%)



- Cyan (59%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AB9DE 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 5AB9DE by changing the saturation by 10% instead.

 5AB9DE

 5AB9DE

FFFFFF

 399EC2

 96F1FF

 0084A7

 B4FFFF

 006B8C

 D2FFFF

 005273

 F0FFFF

 003B5A

 002542

 000A2C

 000117

 000000

 5AB9DE

 5AB9DE

 44B3DE

 70BFDE

 2EADDE

 86C5DE

 17A6DE

 9DCCDE

 01A0DE

 B3D2DE

 00A0DE

 C9D8DE

 DFDEDE

 F5E5DE

 FFEBDE

 FFF1DE

Harmonies

Analogous

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



4CBDC7



5AB9DE



83B1E8

Triad

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



5AB9DE



E498B2



A6B479

Complementary

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



5AB9DE



DE7F5A

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.



C4AB73



5AB9DE



E79A94

Square

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



5AB9DE



D09DCE



DCA17E



84BA8D

Rectangle

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



5AB9DE



A0ABE5



DCA17E



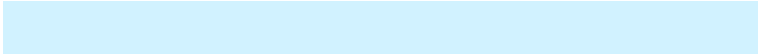
B1B175

Sweetspot

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



5AB9DE



D1F2FF



5ADE7D



637880



000000



808080

Same Dimension

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



5AB9DE



4ACCFE



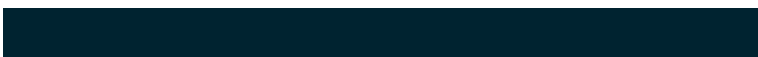
5A79DE



656D70



007FB0



002330

Inverse Universe

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



DE5AB9



FF4ACC



DEBF5A



70656D



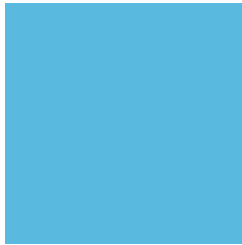
B0007F



300023

Previews

White Background



This preview shows how the Hex color 5AB9DE looks on a white background.

Color Contrast Check

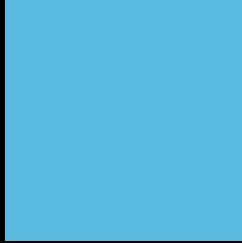
Large Text (above 18pt) WCAG AA × Fail

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 5AB9DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

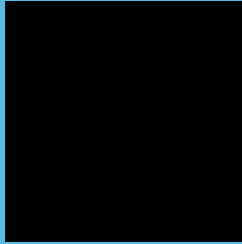
Any Text WCAG AA ✓ Pass

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 5AB9DE Background



This preview shows how black text looks on a background with the Hex color 5AB9DE.

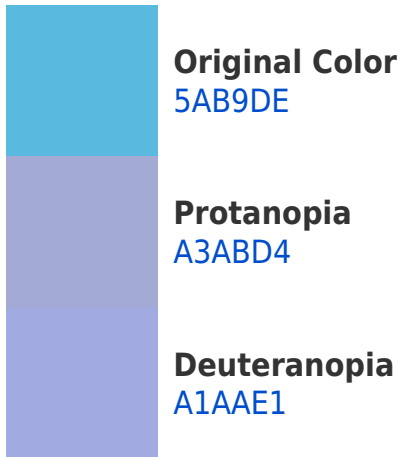


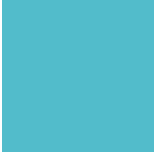
This preview shows how white text looks on a background with the Hex color 5AB9DE.

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](#).

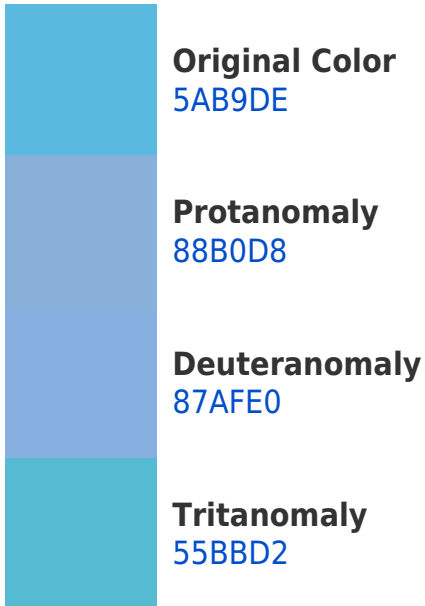
Dichromacy



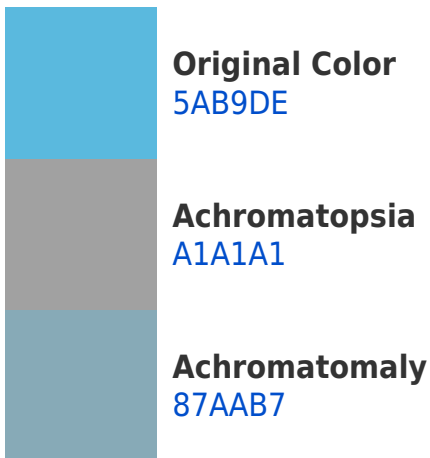


Tritanopia
52BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AB9DE 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 #5AB9DE looks like.

```
.text, #text, p{  
    color:#5AB9DE  
}
```

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 #5AB9DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB9DE
}
```

Border

The CSS property to change the border of an element to Hex 5AB9DE 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
#5AB9DE }
```

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

```
.border{ border-color:#5AB9DE }
```

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

Here you see how a box with a 4 pixel #5AB9DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB9DE; -webkit-box-shadow:4px 4px  
4px 4px #5AB9DE; box-shadow:4px 4px 4px  
4px #5AB9DE }
```

Background

The CSS property to change the background color of an element to Hex 5AB9DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB9DE }
```

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

```
.background{ background-color:#5AB9DE }
```

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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