

Converting Colors

Hex(5AB5CF)

Have a look what the booklet for
Hex(5AB5CF) contains.

Hex(5AB5CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5AB5CF)

Conversions

Conversions Part 1

Format	Color
Hex	5AB5CF
RGB	90, 181, 207
RGB Percent	35%, 71%, 81%
CMY	0.6471, 0.2902, 0.1882
CMYK	0.57, 0.13, 0.00, 0.19
HSL	193°, 55%, 58%
HSV	193°, 57%, 81%
XYZ	32.0028, 39.7264, 65.0127
YIQ	156.7550, -62.5820, -11.2060

Conversions

Conversions Part 2

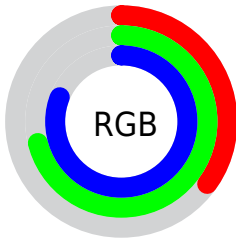
Format	Color
RYB	90, 141, 207
Decimal	5944783
CIELab	69.27, -19.72, -21.39
CIELCh	69, 29.089, 227.331
Yxy	39.7264, 0.2340, 0.2905
Android (android.graphics.Color)	4284134863 (0xFF5AB5CF)
YUV	156.7550, 24.7708, -58.5441
Hunter-Lab	63.0289, -19.6675, -17.0359

Details

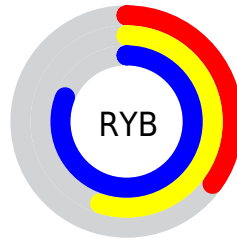
The Hex color **5AB5CF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **CF745A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **95EDFF**, and **0E8099** is the 20% darker color. If you saturate the color by 10%, you get **45B0CF**, and if you desaturate by 10%, it is **6FBACF**.

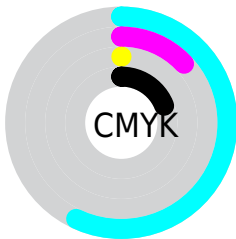
Distribution



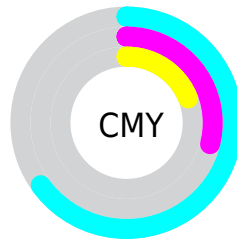
- Red (35%)
- Green (71%)
- Blue (81%)



- Red (35%)
- Yellow (55%)
- Blue (81%)



- Cyan (57%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AB5CF 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 5AB5CF by changing the saturation by 10% instead.

 5AB5CF

 5AB5CF


FFFFFF

 3A9AB3

 95EDFF

 0E8099

 B2FFFF

 00677F

 CFFFFFF


 004F66

 EDFFFF

 00374D

 002237

 000222

 000007

 000000


 5AB5CF

 5AB5CF

 45B0CF

 6FBACF

 31ACCF

 83BECF

 1CA7CF

 98C3CF

 07A3CF

 ADC7CF

 00A1CF

 C2CCCF

 D6D1CF

 EBD5CF

 FFDACF

 FFDECF

Harmonies

Analogous

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



59B8B8



5AB5CF



77AFDC

Triad

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



5AB5CF



D697B5



ACAC76

Complementary

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



5AB5CF



CF745A

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.



C6A476



5AB5CF



DE969B

Square

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



5AB5CF



C09DCD



D89B83



8EB385

Rectangle

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



5AB5CF



91A9DD



D89B83



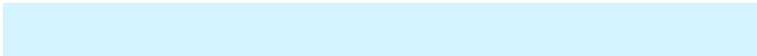
B5AA75

Sweetspot

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



5AB5CF



D4F5FF



5ACF73



667A80



000000



808080

Same Dimension

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



5AB5CF



52D8FF



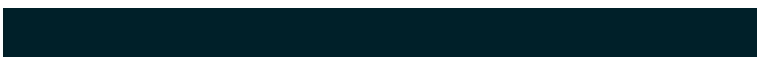
5A7BCF



5E6669



0083A8



002029

Inverse Universe

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



CF5AB5



FF52D8



CFAE5A



695E66



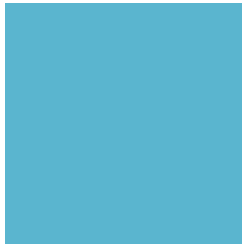
A80083



290020

Previews

White Background



This preview shows how the Hex color 5AB5CF looks on a white background.

Color Contrast Check

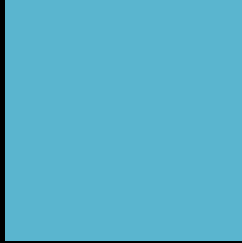
Large Text (above 18pt) WCAG AA × Fail

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 5AB5CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

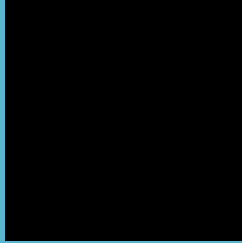
Any Text WCAG AA ✓ Pass

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 5AB5CF Background



This preview shows how black text looks on a background with the Hex color 5AB5CF.

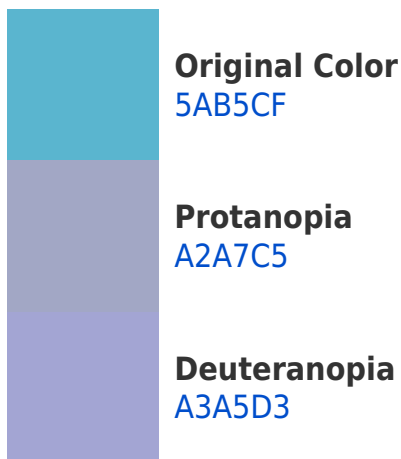


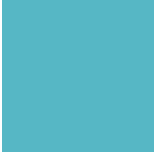
This preview shows how white text looks on a background with the Hex color 5AB5CF.

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](#).

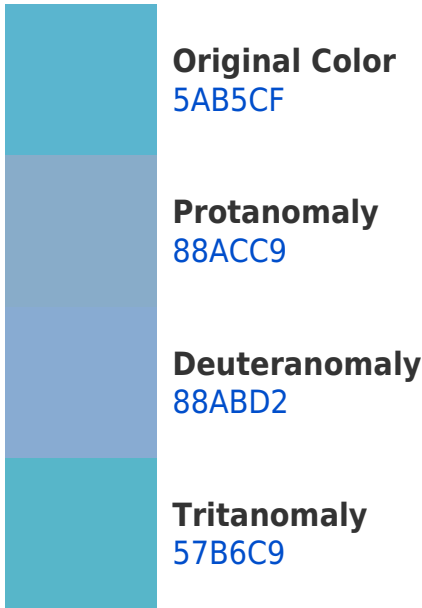
Dichromacy



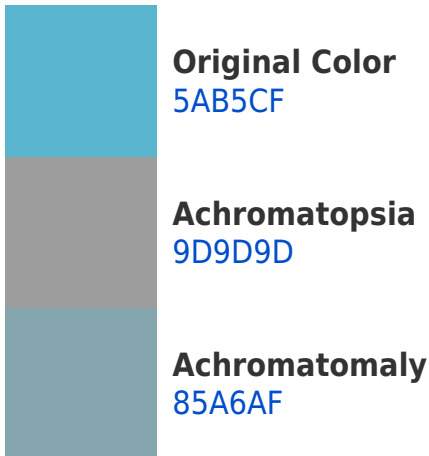


Tritanopia
56B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AB5CF 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 #5AB5CF looks like.

```
.text, #text, p{  
    color:#5AB5CF  
}
```

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 #5AB5CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB5CF
}
```

Border

The CSS property to change the border of an element to Hex 5AB5CF 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
#5AB5CF }
```

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

```
.border{ border-color:#5AB5CF }
```

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

Here you see how a box with a 4 pixel #5AB5CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB5CF; -webkit-box-shadow:4px 4px  
4px 4px #5AB5CF; box-shadow:4px 4px 4px  
4px #5AB5CF }
```

Background

The CSS property to change the background color of an element to Hex 5AB5CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB5CF }
```

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

```
.background{ background-color:#5AB5CF }
```

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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