

Converting Colors

Hex(5A8ADB)

Have a look what the booklet for
Hex(5A8ADB) contains.

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Color

Hex(5A8ADB)

Conversions

Conversions Part 1

Format	Color
Hex	5A8ADB
RGB	90, 138, 219
RGB Percent	35%, 54%, 86%
CMY	0.6471, 0.4588, 0.1412
CMYK	0.59, 0.37, 0.00, 0.14
HSL	218°, 64%, 61%
HSV	218°, 59%, 86%
XYZ	26.0911, 25.4651, 70.5579
YIQ	132.8820, -54.6090, 15.0150

Conversions

Conversions Part 2

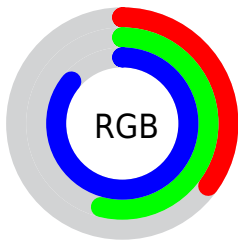
Format	Color
R_{YB}	90, 125, 219
Decimal	5933787
CIE Lab	57.53, 8.03, -46.30
CIE LCh	58, 46.994, 279.841
Yxy	25.4651, 0.2137, 0.2085
Android (android.graphics.Color)	4284123867 (0xFF5A8ADB)
YUV	132.8820, 42.4562, -37.6075
Hunter-Lab	50.4629, 3.9806, -47.5760

Details

The Hex color **5A8ADB** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **DBAB5A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **95BFFF**, and **0C59A3** is the 20% darker color. If you saturate the color by 10%, you get **447CDB**, and if you desaturate by 10%, it is **7098DB**.

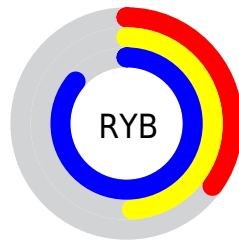
Distribution



Red (35%)

Green (54%)

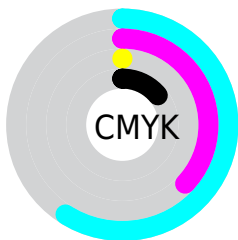
Blue (86%)



Red (35%)

Yellow (49%)

Blue (86%)

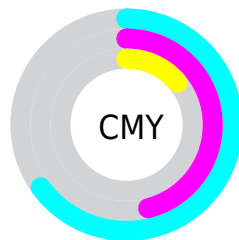


Cyan (59%)

Magenta (37%)

Yellow (0%)

Black (14%)



Cyan (65%)

Magenta (46%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8ADB 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 5A8ADB by changing the saturation by 10% instead.

■ 5A8ADB

■ 5A8ADB

FFFFFF

■ 3A71BF

■ 95BFFF

■ 0C59A3

■ B2DBFF

■ 004289

■ D0F7FF

■ 002C6F

■ EEEFFF

■ 001956

■ 00063E

■ 000327

■ 000111

■ 000000

■ 5A8ADB

■ 5A8ADB

■ 447CDB

■ 7098DB

■ 2E6EDB

■ 86A6DB

■ 1861DB

■ 9CB3DB

■ 0253DB

■ B2C1DB

■ 0051DB

■ C7CFDB

■ DDDDDB

■ F3EADB

■ FFF8DB

■ FFFFDB

Harmonies

Analogous

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



0096D7



5A8ADB



9F7AC9

Triad

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



5A8ADB



D06F58



239D6C

Complementary

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



5A8ADB



DBAB5A

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.



689748



5A8ADB



B87E3C

Square

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



5A8ADB



D6667E



958C35



009F97

Rectangle

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



5A8ADB



BC6FB4



958C35



429B5F

Sweetspot

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



5A8ADB



D1E2FF



5ADBAA



636E80



000000



808080

Same Dimension

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



5A8ADB



4A8DFF



695ADB



63676E



0041AD



00112E

Inverse Universe

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



DB5A8A



FF4A8D



CCDB5A



6E6367



AD0041



2E0011

Previews

White Background



This preview shows how the Hex color 5A8ADB looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 5A8ADB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

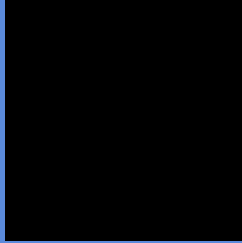
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

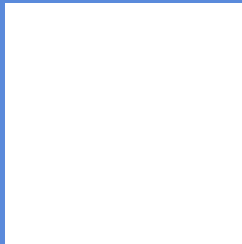
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5A8ADB Background



This preview shows how black text looks on a background with the Hex color 5A8ADB.

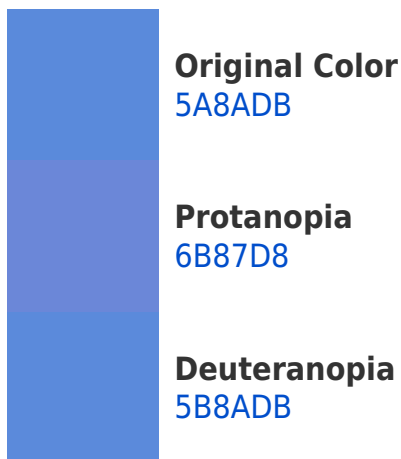


This preview shows how white text looks on a background with the Hex color 5A8ADB.

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](#).

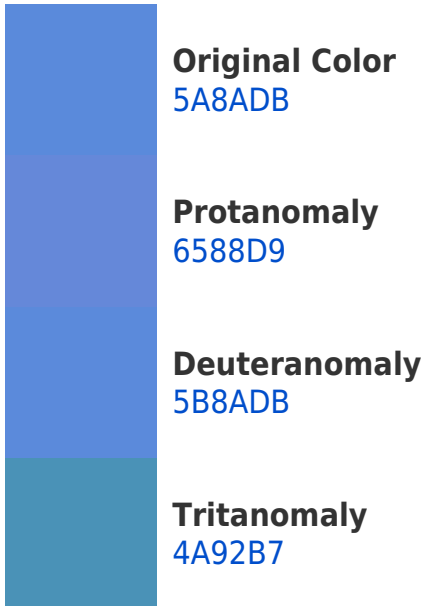
Dichromacy





Tritanopia
4196A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8ADB 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 #5A8ADB looks like.

```
.text, #text, p{  
    color:#5A8ADB  
}
```

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 #5A8ADB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8ADB
}
```

Border

The CSS property to change the border of an element to Hex 5A8ADB 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
#5A8ADB }
```

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

```
.border{ border-color:#5A8ADB }
```

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

Here you see how a box with a 4 pixel #5A8ADB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8ADB; -webkit-box-shadow:4px 4px  
4px 4px #5A8ADB; box-shadow:4px 4px 4px  
4px #5A8ADB }
```

Background

The CSS property to change the background color of an element to Hex 5A8ADB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8ADB }
```

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

```
.background{ background-color:#5A8ADB }
```

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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