

Converting Colors

Hex(5A7AD9)

Have a look what the booklet for
Hex(5A7AD9) contains.

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Color

Hex(5A7AD9)

Conversions

Conversions Part 1

Format	Color
Hex	5A7AD9
RGB	90, 122, 217
RGB Percent	35%, 48%, 85%
CMY	0.6471, 0.5216, 0.1490
CMYK	0.59, 0.44, 0.00, 0.15
HSL	225°, 63%, 60%
HSV	225°, 59%, 85%
XYZ	23.7004, 21.1025, 68.4697
YIQ	123.2620, -49.5670, 22.7610

Conversions

Conversions Part 2

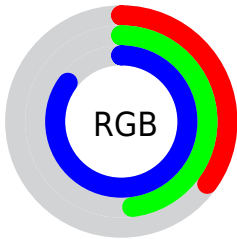
Format	Color
R_{YB}	90, 116, 217
Decimal	5929689
CIE _{Lab}	53.06, 17.03, -52.28
CIE _{LCh}	53, 54.979, 288.044
Yxy	21.1025, 0.2092, 0.1863
Android (android.graphics.Color)	4284119769 (0xFF5A7AD9)
YUV	123.2620, 46.2128, -29.1708
Hunter-Lab	45.9374, 11.7025, -56.2155

Details

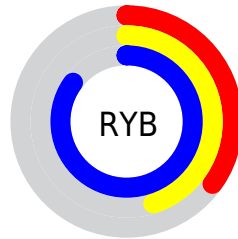
The Hex color **5A7AD9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D9B95A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **95AEFF**, and **0C4AA1** is the 20% darker color. If you saturate the color by 10%, you get **446AD9**, and if you desaturate by 10%, it is **708AD9**.

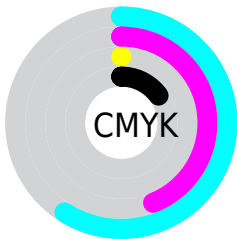
Distribution



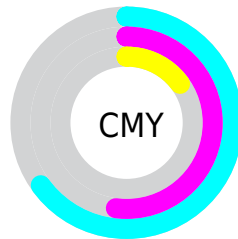
- Red (35%)
- Green (48%)
- Blue (85%)



- Red (35%)
- Yellow (45%)
- Blue (85%)



- Cyan (59%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (52%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7AD9 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 5A7AD9 by changing the saturation by 10% instead.

■ 5A7AD9

■ 5A7AD9

FFFFFF

■ 3A61BD

■ 95AEFF

■ 0C4AA1

■ B2C9FF

■ 003487

■ D0E5FF

■ 00206D

■ EEEFFF

■ 000954

■ 00063C

■ 000225

■ 00010E

■ 000000

■ 5A7AD9

■ 5A7AD9

■ 446AD9

■ 708AD9

■ 2F5AD9

■ 859AD9

■ 1949D9

■ 9BABD9

■ 0339D9

■ B1BBD9

■ 0037D9

■ C7CBD9

■ DCDBD9

■ F2ECD9

■ FFFCD9

■ FFFFD9

Harmonies

Analogous

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



0089DB



5A7AD9



A565BE

Triad

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



5A7AD9



C66239



00946A

Complementary

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



5A7AD9



D9B95A

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.



428F3B



5A7AD9



A77619

Square

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



5A7AD9



D45364



7C8518



00959B

Rectangle

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



5A7AD9



C159A3



7C8518



009359

Sweetspot

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



5A7AD9



D1DDFF



5AD9B7



636B80



000000



808080

Same Dimension

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



5A7AD9



4D79FF



785AD9



63656E



002CAD



000C2E

Inverse Universe

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



D95A7A



FF4D79



BBD95A



6E6365



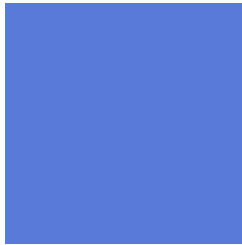
AD002C



2E000C

Previews

White Background



This preview shows how the Hex color 5A7AD9 looks on a white background.

Color Contrast Check

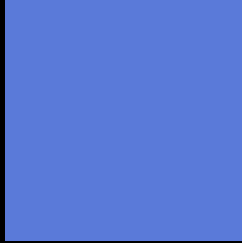
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A7AD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

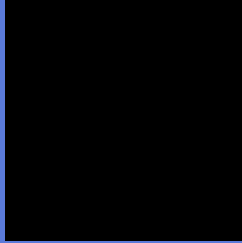
Any Text WCAG AA ✓ Pass

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 5A7AD9 Background



This preview shows how black text looks on a background with the Hex color 5A7AD9.

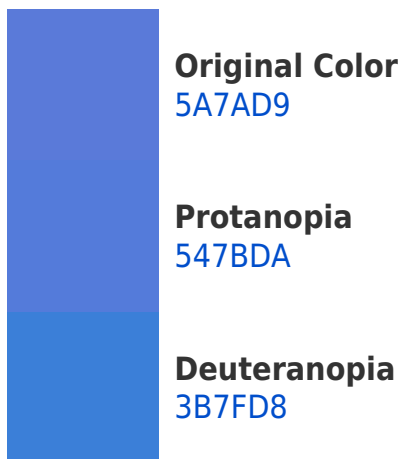



This preview shows how white text looks on a background with the Hex color 5A7AD9.

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](#).

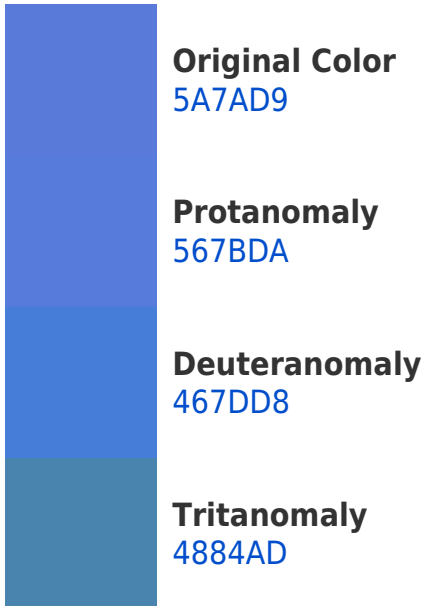
Dichromacy





Tritanopia
3D8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7AD9 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 #5A7AD9 looks like.

```
.text, #text, p{  
    color:#5A7AD9  
}
```

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 #5A7AD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7AD9
}
```

Border

The CSS property to change the border of an element to Hex 5A7AD9 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
#5A7AD9 }
```

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

```
.border{ border-color:#5A7AD9 }
```

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

Here you see how a box with a 4 pixel #5A7AD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7AD9; -webkit-box-shadow:4px 4px  
4px 4px #5A7AD9; box-shadow:4px 4px 4px  
4px #5A7AD9 }
```

Background

The CSS property to change the background color of an element to Hex 5A7AD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7AD9 }
```

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

```
.background{ background-color:#5A7AD9 }
```

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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