

Converting Colors

Hex(4A8BDA)

Have a look what the booklet for
Hex(4A8BDA) contains.

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Color

Hex(4A8BDA)

Conversions

Conversions Part 1

Format	Color
Hex	4A8BDA
RGB	74, 139, 218
RGB Percent	29%, 55%, 85%
CMY	0.7098, 0.4549, 0.1451
CMYK	0.66, 0.36, 0.00, 0.15
HSL	213°, 66%, 57%
HSV	213°, 66%, 85%
XYZ	24.7115, 24.9830, 69.8494
YIQ	128.5710, -64.0990, 10.7890

Conversions

Conversions Part 2

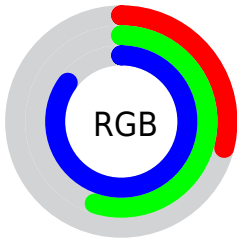
Format	Color
R _Y B	74, 119, 218
Decimal	4885466
CIE Lab	57.06, 4.21, -46.53
CIE LCh	57, 46.717, 275.174
Yxy	24.9830, 0.2067, 0.2090
Android (android.graphics.Color)	4283075546 (0xFF4A8BDA)
YUV	128.5710, 44.0885, -47.8588
Hunter-Lab	49.9830, 0.7799, -47.8674

Details

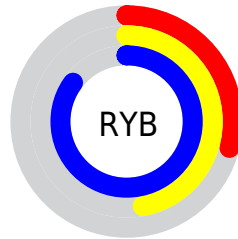
The Hex color **4A8BDA** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **DA994A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **88C0FF**, and **005AA3** is the 20% darker color. If you saturate the color by 10%, you get **347FDA**, and if you desaturate by 10%, it is **6097DA**.

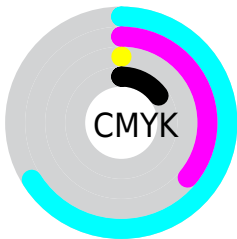
Distribution



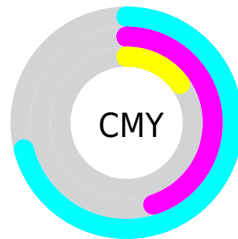
- Red (29%)
- Green (55%)
- Blue (85%)



- Red (29%)
- Yellow (47%)
- Blue (85%)



- Cyan (66%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)



- Cyan (71%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A8BDA 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 4A8BDA by changing the saturation by 10% instead.

■ 4A8BDA

FFFFFF

■ 88C0FF

■ A6DCFF

■ C3F8FF

■ E1FFFF

■ 4A8BDA

■ 2472BE

■ 005AA3

■ 004388

■ 002D6E

■ 001A55

■ 00063D

■ 000327

■ 000110

■ 000000

■ 4A8BDA

■ 4A8BDA

■ 347FDA

■ 6097DA

■ 1E73DA

■ 76A3DA

■ 0967DA

■ 8BAFDA

■ 0062DA

■ A1BBDA

■ B7C7DA

■ CDD3DA

■ E3DFDA

■ F8EBDA

■ FFF7DA

Harmonies

Analogous

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



0096D2



4A8BDA



957BCC

Triad

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



4A8BDA



D16C5C



339B65

Complementary

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



4A8BDA



DA994A

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.



6F9443



4A8BDA



BB7A3E

Square

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



4A8BDA



D46583



9A8934



009D8F

Rectangle

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



4A8BDA



B571B8



9A8934



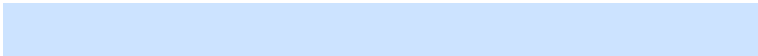
4B9959

Sweetspot

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



4A8BDA



CCE3FF



4ADA97



616F80



000000



808080

Same Dimension

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



4A8BDA



3690FF



4F4ADA



63686E



004EAD



00152E

Inverse Universe

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



DA4A8B



FF3690



D5DA4A



6E6368



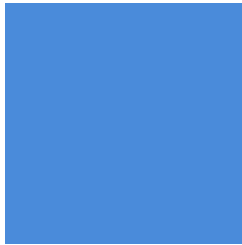
AD004E



2E0015

Previews

White Background



This preview shows how the Hex color 4A8BDA looks on a white background.

Color Contrast Check

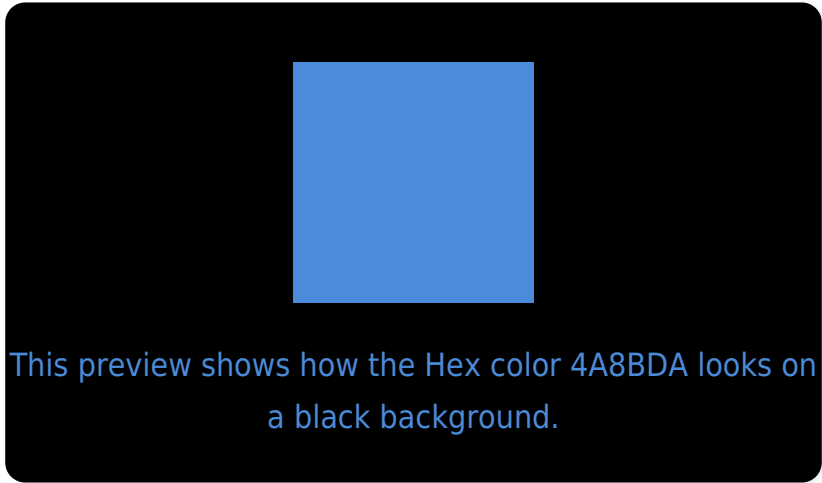
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

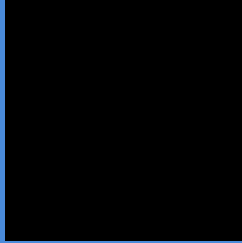
Any Text WCAG AA ✓ Pass

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 4A8BDA Background



This preview shows how black text looks on a background with the Hex color 4A8BDA.

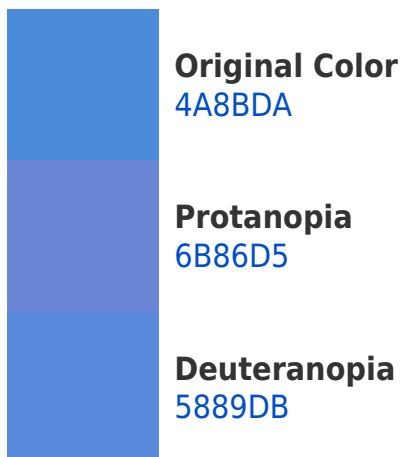


This preview shows how white text looks on a background with the Hex color 4A8BDA.

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](#).

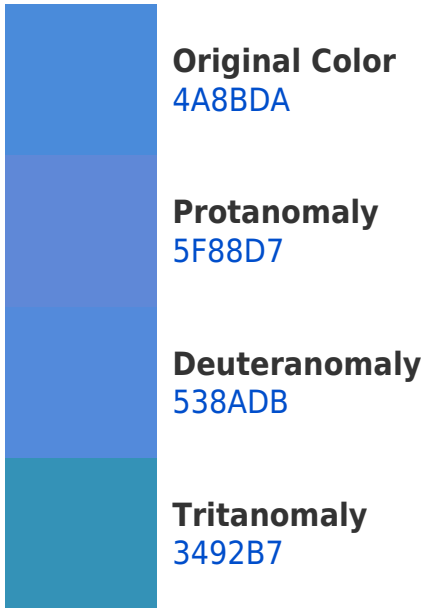
Dichromacy



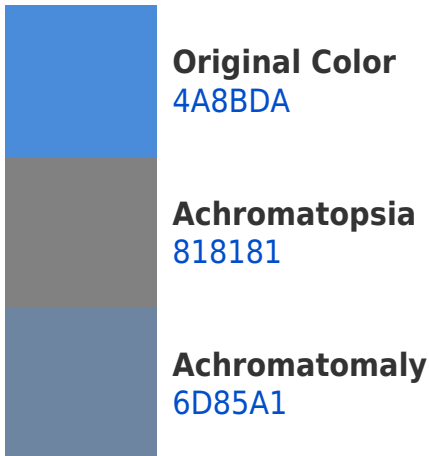


Tritanopia
2896A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A8BDA 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 #4A8BDA looks like.

```
.text, #text, p{  
    color:#4A8BDA  
}
```

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 #4A8BDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8BDA
}
```

Border

The CSS property to change the border of an element to Hex 4A8BDA 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
#4A8BDA }
```

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

```
.border{ border-color:#4A8BDA }
```

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

Here you see how a box with a 4 pixel #4A8BDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8BDA; -webkit-box-shadow:4px 4px  
4px 4px #4A8BDA; box-shadow:4px 4px 4px  
4px #4A8BDA }
```

Background

The CSS property to change the background color of an element to Hex 4A8BDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8BDA }
```

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

```
.background{ background-color:#4A8BDA }
```

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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