

# Converting Colors

Hex(8199DA)

Have a look what the booklet for  
Hex(8199DA) contains.

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# **Color**

**Hex(8199DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8199DA
RGB	129, 153, 218
RGB Percent	51%, 60%, 85%
CMY	0.4941, 0.4000, 0.1451
CMYK	0.41, 0.30, 0.00, 0.15
HSL	224°, 55%, 68%
HSV	224°, 41%, 85%
XYZ	33.0994, 32.5115, 70.8605
YIQ	153.2340, -35.1690, 15.1270

# Conversions

## Conversions Part 2

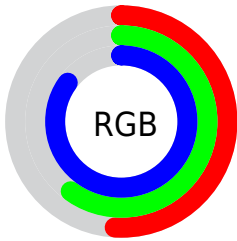
Format	Color
R <sub>Y</sub> B	129, 148, 218
Decimal	8493530
CIE Lab	63.76, 7.97, -35.80
CIE LCh	64, 36.671, 282.547
Yxy	32.5115, 0.2425, 0.2382
Android (android.graphics.Color)	4286683610 (0xFF8199DA)
YUV	153.2340, 31.9296, -21.2532
Hunter-Lab	57.0189, 3.8359, -33.7697

# Details

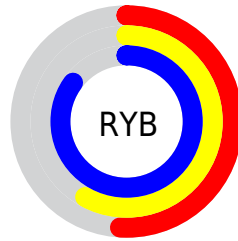
The Hex color **8199DA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DAC281**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B9CFFF**, and **4B66A3** is the 20% darker color. If you saturate the color by 10%, you get **6B89DA**, and if you desaturate by 10%, it is **97A9DA**.

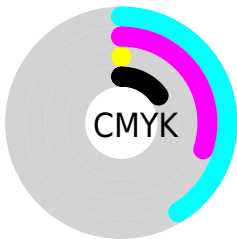
# Distribution



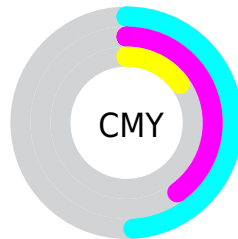
- Red (51%)
- Green (60%)
- Blue (85%)



- Red (51%)
- Yellow (58%)
- Blue (85%)



- Cyan (41%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (40%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 8199DA 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 8199DA by changing the saturation by 10% instead.



 8199DA

 8199DA

FFFFFF

 667FBE

 B9CFFF

 4B66A3

 D5EBFF

 2F4E88

 F3FFFF

 0A386F

 002356

 000D3E

 000328

 000111

 000000

8199DA

8199DA

6B89DA

97A9DA

5579DA

ADB9DA

4069DA

C2C9DA

2A59DA

D8D9DA

1449DA

EEE9DA

003BDA

FFF9DA

FFFFDA

# Harmonies

## Analogous

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



45A3D8



8199DA



B08DCB

# Triad

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



8199DA



D48770



54AA86

# Complementary

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



8199DA



DAC281

# 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.



7EA569



8199DA



C0925C

# Square

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



8199DA



DA818E



A29D5A



1CACA8

# Rectangle

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



8199DA



C686B9



A29D5A



63A97B



# Sweetspot

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



8199DA



E0E9FF



81DAC1



6E7280



000000



808080



# Same Dimension

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



8199DA



82A4FF



9481DA



63666E



002FAD



000C2E



# Inverse Universe

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



DA8199



FF82A4



C7DA81



6E6366



AD002F

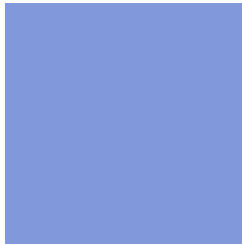


2E000C



# Previews

## White Background



This preview shows how the Hex color 8199DA looks on a white background.

## Color Contrast Check

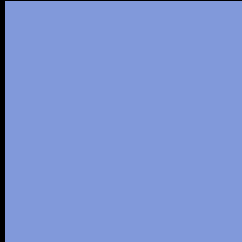
Large Text (above 18pt) WCAG AA × Fail

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 8199DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

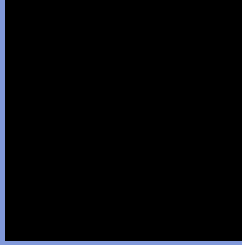
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8199DA Background



This preview shows how black text looks on a background with the Hex color 8199DA.



This preview shows how white text looks on a background with the Hex color 8199DA.

# 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



**Original Color**  
8199DA

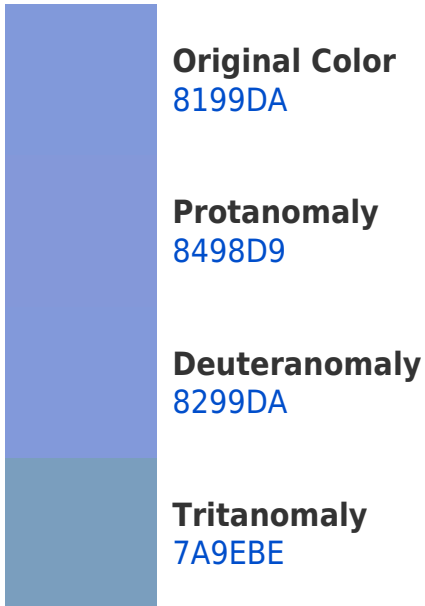
**Protanopia**  
8698D9

**Deuteranopia**  
8399DA

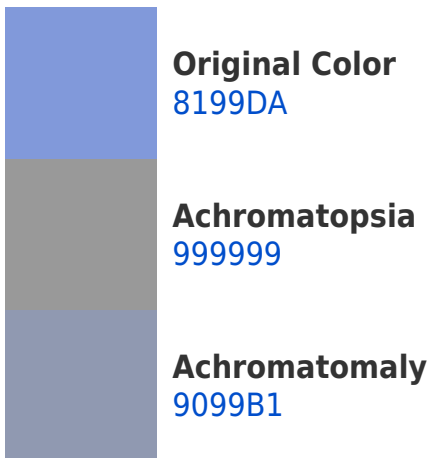


**Tritanopia**  
76A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8199DA 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 #8199DA looks like.

```
.text, #text, p{  
    color:#8199DA  
}
```

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 #8199DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8199DA
}
```

## Border

The CSS property to change the border of an element to Hex 8199DA 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
#8199DA }
```

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

```
.border{ border-color:#8199DA }
```

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

Here you see how a box with a 4 pixel #8199DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8199DA; -webkit-box-shadow:4px 4px  
4px 4px #8199DA; box-shadow:4px 4px 4px  
4px #8199DA }
```

# Background

The CSS property to change the background color of an element to Hex 8199DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8199DA }
```

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

```
.background{ background-color:#8199DA }
```

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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