

# Converting Colors

Hex(899FDB)

Have a look what the booklet for  
Hex(899FDB) contains.

<b>Hex(899FDB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(899FDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	899FDB
RGB	137, 159, 219
RGB Percent	54%, 62%, 86%
CMY	0.4627, 0.3765, 0.1412
CMYK	0.37, 0.27, 0.00, 0.14
HSL	224°, 53%, 70%
HSV	224°, 37%, 86%
XYZ	35.5008, 35.2291, 71.9466
YIQ	159.2620, -32.3720, 13.9960

# Conversions

## Conversions Part 2

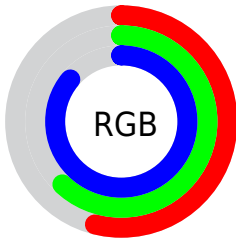
Format	Color
<a href="#">RYB</a>	<a href="#">137, 154, 219</a>
Decimal	<a href="#">9019355</a>
CIELab	<a href="#">65.93, 6.95, -32.95</a>
CIElCh	<a href="#">66, 33.672, 281.914</a>
Yxy	<a href="#">35.2291, 0.2488, 0.2469</a>
Android (android.graphics.Color)	<a href="#">4287209435</a> ( <a href="#">0xFF899FDB</a> )
YUV	<a href="#">159.2620, 29.4508, -19.5238</a>
Hunter-Lab	<a href="#">59.3541, 2.8946, -30.3210</a>

# Details

The Hex color **899FDB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DBC589**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C1D6FF**, and **536CA4** is the 20% darker color. If you saturate the color by 10%, you get **738FDB**, and if you desaturate by 10%, it is **9FAFDB**.

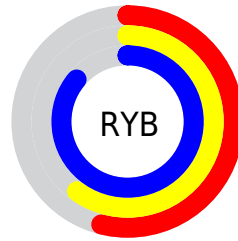
# Distribution



Red (54%)

Green (62%)

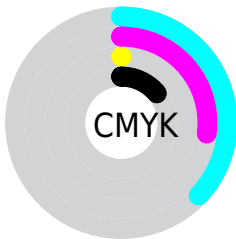
Blue (86%)



Red (54%)

Yellow (60%)

Blue (86%)

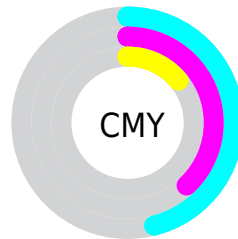


Cyan (37%)

Magenta (27%)

Yellow (0%)

Black (14%)



Cyan (46%)

Magenta (38%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 899FDB 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 899FDB by changing the saturation by 10% instead.



 899FDB

 899FDB

FFFFFF

 6E85BF

 C1D6FF

 536CA4

 DDF2FF

 395489

 FAFFFF

 1B3D70

 002757

 00133F

 000329

 000113

 000000

 899FDB

 899FDB

 738FDB


 9FAFDB

 5D7FDB

 B5BFDB

 476FDB

 CBCFDB

 315FDB

 E1DFDB

 1B4FDB

 F7EFDB

 063FDB

 FFFFDB

 003BDB

# Harmonies

## Analogous

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



58A8D9



899FDB



B394CD

# Triad

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



899FDB



D78E79



62AF8C

# Complementary

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



899FDB



DBC589

# 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.



87AA72



899FDB



C49867

# Square

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



899FDB



DC8995



A9A264



3DB1AC

# Rectangle

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



899FDB



C88EBD



A9A264



6FAE83



# Sweetspot

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



899FDB



E3EAFF



89DBC4



6F7380



000000



808080



# Same Dimension

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



899FDB



8CABFF



9B89DB



63666E



002FAD



000C2E



# Inverse Universe

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



DB899F



FF8CAB



C9DB89



6E6366



AD002F



2E000C



# Previews

## White Background



This preview shows how the Hex color 899FDB looks on a white background.

## Color Contrast Check

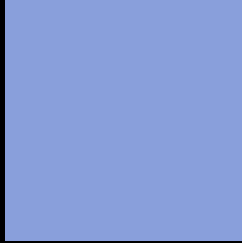
Large Text (above 18pt) WCAG AA × Fail

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 899FDB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

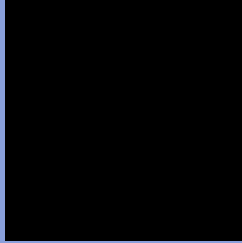
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 899FDB Background



This preview shows how black text looks on a background with the Hex color 899FDB.



This preview shows how white text looks on a background with the Hex color 899FDB.

# 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**  
899FDB

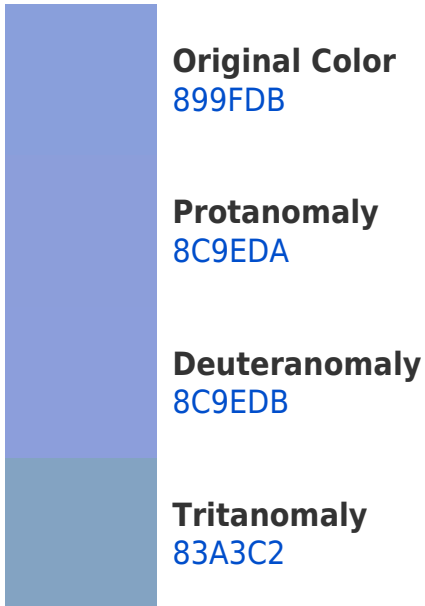
**Protanopia**  
8E9EDA

**Deuteranopia**  
8D9EDB

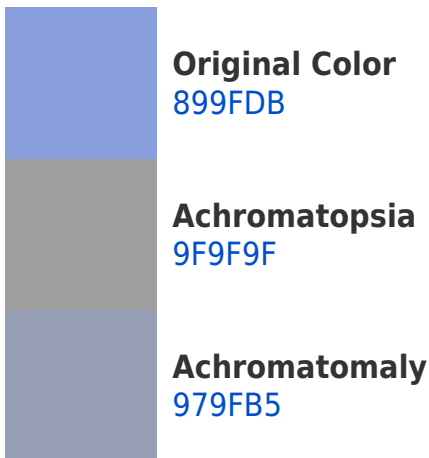


**Tritanopia**  
7FA6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 899FDB 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 #899FDB looks like.

```
.text, #text, p{  
    color:#899FDB  
}
```

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 #899FDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899FDB
}
```

## Border

The CSS property to change the border of an element to Hex 899FDB 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
#899FDB }
```

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

```
.border{ border-color:#899FDB }
```

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

Here you see how a box with a 4 pixel #899FDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899FDB; -webkit-box-shadow:4px 4px  
4px 4px #899FDB; box-shadow:4px 4px 4px  
4px #899FDB }
```

# Background

The CSS property to change the background color of an element to Hex 899FDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899FDB }
```

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

```
.background{ background-color:#899FDB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor