

# Converting Colors

Hex(898CD3)

Have a look what the booklet for  
Hex(898CD3) contains.

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# **Color**

**Hex(898CD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	898CD3
RGB	137, 140, 211
RGB Percent	54%, 55%, 83%
CMY	0.4627, 0.4510, 0.1725
CMYK	0.35, 0.34, 0.00, 0.17
HSL	238°, 46%, 68%
HSV	238°, 35%, 83%
XYZ	31.4525, 28.7777, 65.5249
YIQ	147.1970, -24.5790, 21.4450

# Conversions

## Conversions Part 2

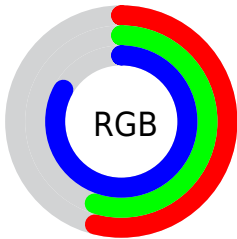
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 140, 211</a>
Decimal	<a href="#">9014483</a>
CIELab	<a href="#">60.58, 15.73, -36.81</a>
CIElCh	<a href="#">61, 40.032, 293.141</a>
Yxy	<a href="#">28.7777, 0.2501, 0.2288</a>
Android (android.graphics.Color)	<a href="#">4287204563 (0xFF898CD3)</a>
YUV	<a href="#">147.1970, 31.4549, -8.9428</a>
Hunter-Lab	<a href="#">53.6448, 10.7778, -34.8689</a>

# Details

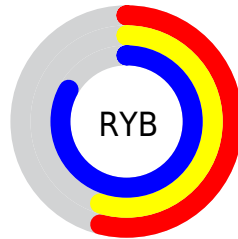
The Hex color **898CD3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D3D089**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C0C1FF**, and **545A9C** is the 20% darker color. If you saturate the color by 10%, you get **7478D3**, and if you desaturate by 10%, it is **9EA0D3**.

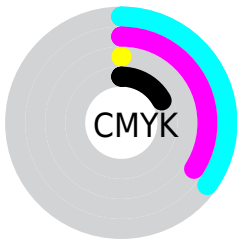
# Distribution



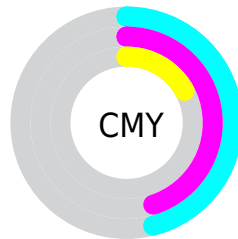
- Red (54%)
- Green (55%)
- Blue (83%)



- Red (54%)
- Yellow (55%)
- Blue (83%)



- Cyan (35%)
- Magenta (34%)
- Yellow (0%)
- Black (17%)



- Cyan (46%)
- Magenta (45%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898CD3 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 898CD3 by changing the saturation by 10% instead.



 898CD3

 898CD3

FFFFFF

 6E73B7

 C0C1FF

 545A9C

 DDDDFE

 394382

 FAFAFF

 1E2D68

 001950

 000039

 000222

 000008

 000000

 898CD3

 898CD3

 7478D3

 9EA0D3

 5F64D3

 B3B4D3

 4A4FD3

 C8C9D3

 353BD3

 DDDDD3

 1F27D3

 F3F1D3

 0A13D3

 FFFFD3

 0009D3

# Harmonies

## Analogous

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



4698D8



898CD3



B67FBD

# Triad

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



898CD3



C9815B



28A488

# Complementary

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



898CD3



D3D089

# 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.



63A066



898CD3



AF8D4B

# Square

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



898CD3



D57778



8D984F



00A4AD

# Rectangle

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



898CD3



CA78A7



8D984F



40A37C



# Sweetspot

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



898CD3



E3E4FF



89D3CF



6F7080



000000



808080



# Same Dimension

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



898CD3



9498FF



AA89D3



5E5F69



0007A8



000229



# Inverse Universe

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



D3898C



FF9498



B2D389



695E5F



A80007

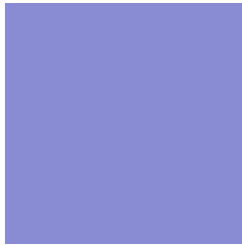


290002



# Previews

## White Background



This preview shows how the Hex color 898CD3 looks on a white background.

## Color Contrast Check

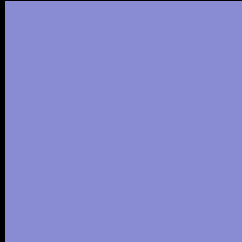
Large Text (above 18pt) WCAG AA ✓ Pass

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 898CD3 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 898CD3 Background



This preview shows how black text looks on a background with the Hex color 898CD3.

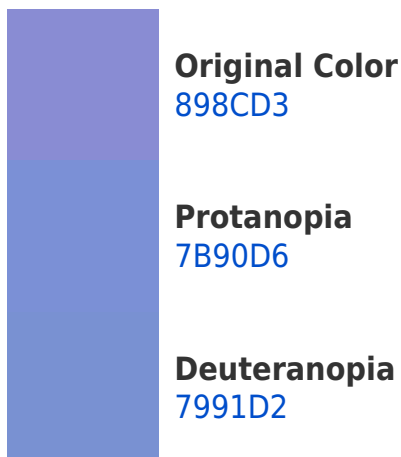


This preview shows how white text looks on a background with the Hex color 898CD3.

# 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](#).

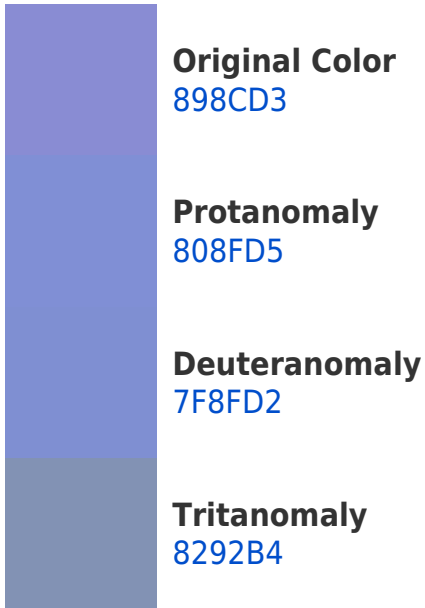
## Dichromacy



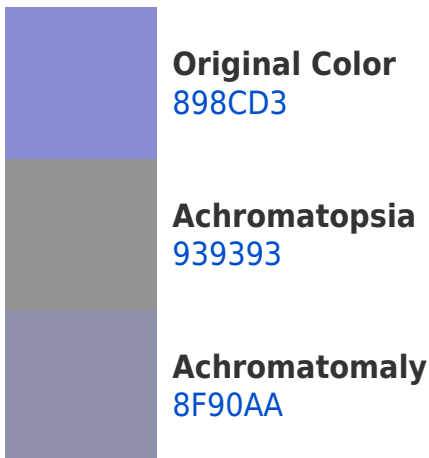


**Tritanopia**  
7E96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898CD3 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 #898CD3 looks like.

```
.text, #text, p{  
    color:#898CD3  
}
```

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 #898CD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898CD3
}
```

## Border

The CSS property to change the border of an element to Hex 898CD3 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
#898CD3 }
```

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

```
.border{ border-color:#898CD3 }
```

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

Here you see how a box with a 4 pixel #898CD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898CD3; -webkit-box-shadow:4px 4px  
4px 4px #898CD3; box-shadow:4px 4px 4px  
4px #898CD3 }
```

# Background

The CSS property to change the background color of an element to Hex 898CD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898CD3 }
```

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

```
.background{ background-color:#898CD3 }
```

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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