

# Converting Colors

Hex(898BCE)

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

<b>Hex(898BCE)</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(898BCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	898BCE
RGB	137, 139, 206
RGB Percent	54%, 55%, 81%
CMY	0.4627, 0.4549, 0.1922
CMYK	0.33, 0.33, 0.00, 0.19
HSL	238°, 41%, 67%
HSV	238°, 33%, 81%
XYZ	30.6897, 28.2398, 62.2258
YIQ	146.0400, -22.6990, 20.4130

# Conversions

## Conversions Part 2

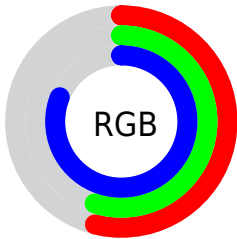
Format	Color
<a href="#">RYB</a>	<a href="#">137, 139, 206</a>
Decimal	<a href="#">9014222</a>
CIELab	<a href="#">60.10, 14.98, -34.76</a>
CIELCh	<a href="#">60, 37.849, 293.321</a>
Yxy	<a href="#">28.2398, 0.2533, 0.2331</a>
Android (android.graphics.Color)	<a href="#">4287204302</a> ( <a href="#">0xFF898BCE</a> )
YUV	<a href="#">146.0400, 29.5603, -7.9281</a>
Hunter-Lab	<a href="#">53.1412, 10.0891, -32.2270</a>

# Details

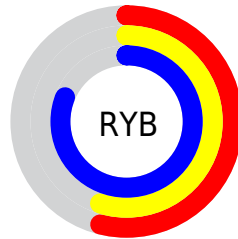
The Hex color **898BCE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CECC89**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C0C0FF**, and **545997** is the 20% darker color. If you saturate the color by 10%, you get **7477CE**, and if you desaturate by 10%, it is **9E9FCE**.

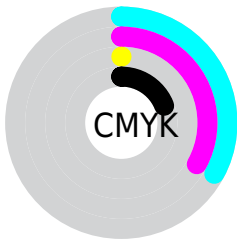
# Distribution



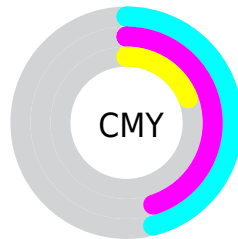
- Red (54%)
- Green (55%)
- Blue (81%)



- Red (54%)
- Yellow (55%)
- Blue (81%)



- Cyan (33%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)



- Cyan (46%)
- Magenta (45%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 898BCE

 898BCE

FFFFFF

 6E72B2

 C0C0FF

 545997

 DDDCFE

 3A427D

 FAF9FF

 1F2C64

 00184C

 000035

 00021F

 000001

 000000

 898BCE

 898BCE

 7477CE

 9E9FCE

 6063CE

 B2B3CE

 4B4FCE

 C7C7CE

 373BCE

 DBDBCE

 2227CE

 F0EFCE

 0D13CE

 FFFFCE

 0006CE

# Harmonies

## Analogous

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



4D96D3



898BCE



B37FB9

# Triad

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



898BCE



C5815D



31A288

# Complementary

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



898BCE



CECC89

# 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.



659E68



898BCE



AD8C4E

# Square

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



898BCE



D17878



8C9752



00A2AA

# Rectangle

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



898BCE



C679A5



8C9752



45A17D



# Sweetspot

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



898BCE



E6E6FF



89CECC



707180



000000



808080



# Same Dimension

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



898BCE



999CFF



A989CE



5C5C66



0005A6



000126



# Inverse Universe

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



CE898B



FF999C



AECE89



665C5C



A60005

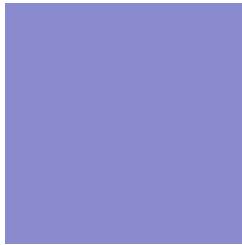


260001



# Previews

## White Background



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

## Color Contrast Check

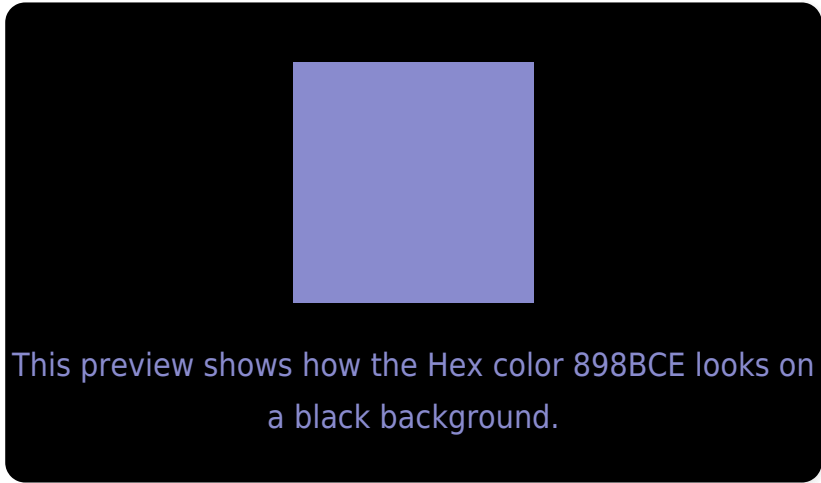
Large Text (above 18pt) WCAG AA ✓ Pass

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 898BCE Background



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

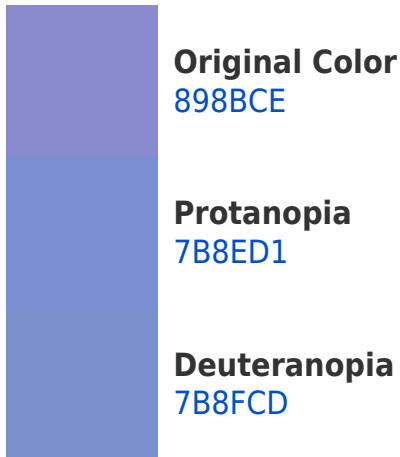


This preview shows how white text looks on a background with the Hex color 898BCE.

# 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](#).

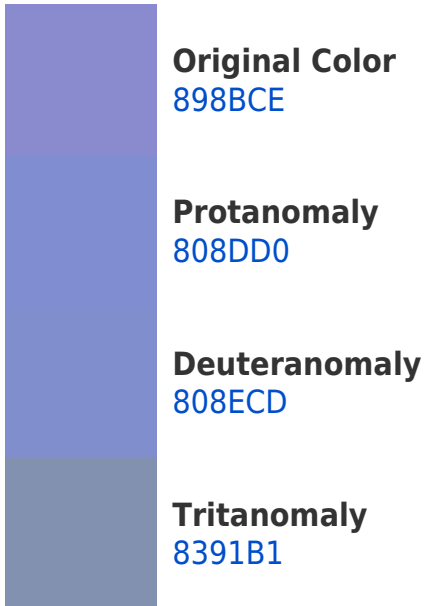
## Dichromacy



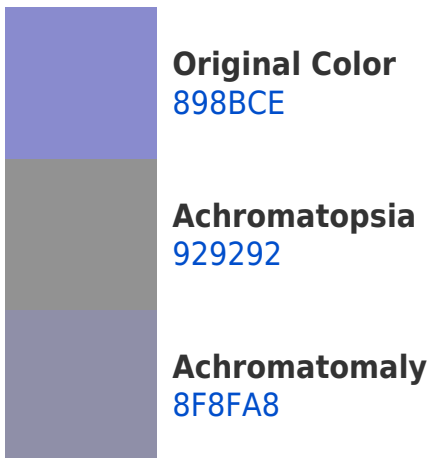


**Tritanopia**  
7F94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #898BCE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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