

# Converting Colors

Hex(898EB7)

Have a look what the booklet for  
Hex(898EB7) contains.

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# **Color**

**Hex(898EB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	898EB7
RGB	137, 142, 183
RGB Percent	54%, 56%, 72%
CMY	0.4627, 0.4431, 0.2824
CMYK	0.25, 0.22, 0.00, 0.28
HSL	233°, 24%, 63%
HSV	233°, 25%, 72%
XYZ	28.5368, 28.0833, 48.7163
YIQ	145.1790, -16.1410, 11.6910

# Conversions

## Conversions Part 2

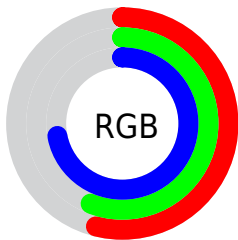
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 142, 183
Decimal	9014967
CIELab	59.96, 7.37, -22.00
CIELCh	60, 23.199, 288.535
Yxy	28.0833, 0.2709, 0.2666
Android (android.graphics.Color)	4287205047 (0xFF898EB7)
YUV	145.1790, 18.6458, -7.1730
Hunter-Lab	52.9936, 3.3823, -17.4089

# Details

The Hex color **898EB7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B7B289**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BFC4EF**, and **565C82** is the 20% darker color. If you saturate the color by 10%, you get **777EB7**, and if you desaturate by 10%, it is **9B9EB7**.

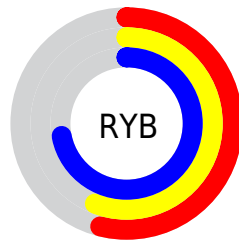
# Distribution



Red (54%)

Green (56%)

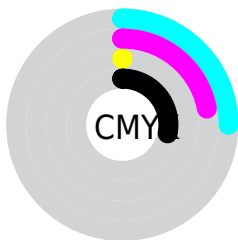
Blue (72%)



Red (54%)

Yellow (56%)

Blue (72%)

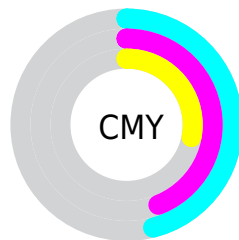


Cyan (25%)

Magenta (22%)

Yellow (0%)

Black (28%)



Cyan (46%)

Magenta (44%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898EB7 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 898EB7 by changing the saturation by 10% instead.





898EB7



898EB7

FFFFFF



6F749C



BFC4EF



565C82



DBE0FF



3E4469



F8FCFF



262E50



0E1A39



000024



00000B



000000



898EB7



898EB7

■ 777EB7

■ 9B9EB7

■ 646DB7

■ AEAFB7

■ 525DB7

■ C0BFB7

■ 404DB7

■ D2CFB7

■ 2D3CB7

■ E4E0B7

■ 1B2CB7

■ F7F0B7

■ 091CB7

■ FFFFB7

■ 0014B7

# Harmonies

## Analogous

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



6C95B8



898EB7



A387AC

# Triad

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



898EB7



B58673



649B88

# Complementary

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



898EB7



B7B289

# 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.



7B9875



898EB7



A78C69

# Square

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



898EB7



BA8284



92936A



559C9D

# Rectangle

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



898EB7



B084A0



92936A



6C9B81



# Sweetspot

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



898EB7



DADCED



89B7B2



6C6D78



F7F7F7



787878



# Same Dimension

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



898EB7



A6AEED



9B89B7



53545C



00119C



00031C



# Inverse Universe

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



B7898E



EDA6AE



A5B789



5C5354



9C0011

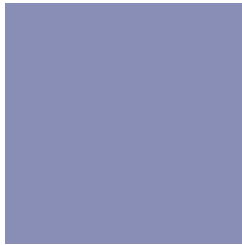


1C0003



# Previews

## White Background



This preview shows how the Hex color 898EB7 looks on a white background.

## Color Contrast Check

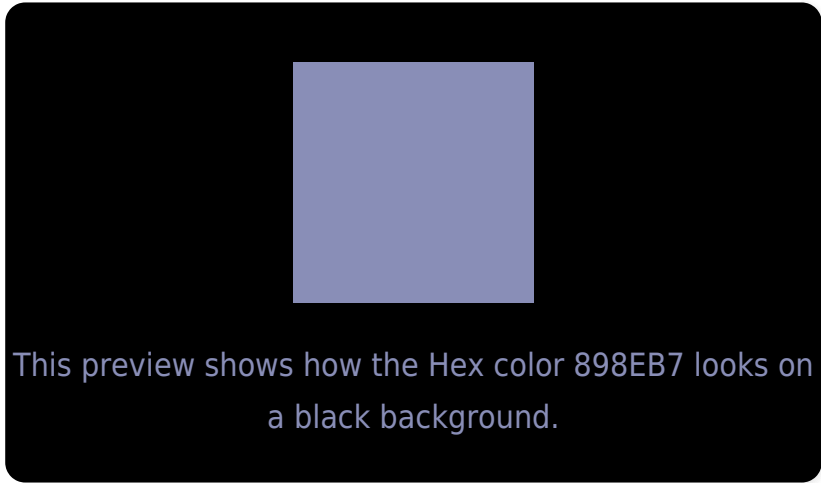
Large Text (above 18pt) WCAG AA ✓ Pass

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

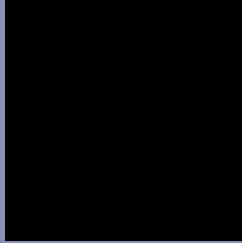
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 898EB7 Background



This preview shows how black text looks on a background with the Hex color 898EB7.



This preview shows how white text looks on a background with the Hex color 898EB7.

# 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**  
898EB7

**Protanopia**  
868FB8

**Deuteranopia**  
8A8EB7



**Tritanopia**  
84929E

# Trichromacy



**Original Color**  
898EB7

**Protanomaly**  
878FB8

**Deuteranomaly**  
8A8EB7

**Tritanomaly**  
8691A7

# Monochromacy



**Original Color**  
898EB7

**Achromatopsia**  
919191

**Achromatomaly**  
8E909F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898EB7 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 #898EB7 looks like.

```
.text, #text, p{  
    color:#898EB7  
}
```

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 #898EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898EB7
}
```

## Border

The CSS property to change the border of an element to Hex 898EB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

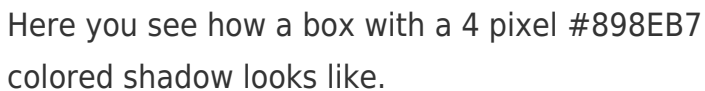
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#898EB7 }
```

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

```
.border{ border-color:#898EB7 }
```

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



Here you see how a box with a 4 pixel #898EB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898EB7; -webkit-box-shadow:4px 4px  
4px 4px #898EB7; box-shadow:4px 4px 4px  
4px #898EB7 }
```

# Background

The CSS property to change the background color of an element to Hex 898EB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898EB7 }
```

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

```
.background{ background-color:#898EB7 }
```

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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