

# Converting Colors

Hex(898FC6)

Have a look what the booklet for  
Hex(898FC6) contains.

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# **Color**

**Hex(898FC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	898FC6
RGB	137, 143, 198
RGB Percent	54%, 56%, 78%
CMY	0.4627, 0.4392, 0.2235
CMYK	0.31, 0.28, 0.00, 0.22
HSL	234°, 35%, 66%
HSV	234°, 31%, 78%
XYZ	30.3320, 29.0405, 57.4328
YIQ	147.4760, -21.2310, 15.8330

# Conversions

## Conversions Part 2

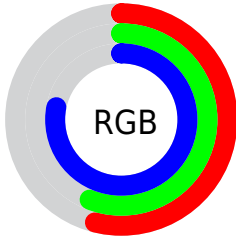
Format	Color
<a href="#">RYB</a>	<a href="#">137, 142, 198</a>
Decimal	<a href="#">9015238</a>
CIELab	<a href="#">60.82, 10.57, -29.15</a>
CIElCh	<a href="#">61, 31.011, 289.938</a>
Yxy	<a href="#">29.0405, 0.2597, 0.2486</a>
Android (android.graphics.Color)	<a href="#">4287205318 (0xFF898FC6)</a>
YUV	<a href="#">147.4760, 24.9083, -9.1875</a>
Hunter-Lab	<a href="#">53.8892, 6.1641, -25.4662</a>

# Details

The Hex color **898FC6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C6C089**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C0C5FF**, and **555D90** is the 20% darker color. If you saturate the color by 10%, you get **757DC6**, and if you desaturate by 10%, it is **9DA1C6**.

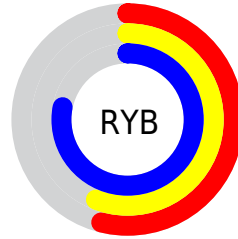
# Distribution



Red (54%)

Green (56%)

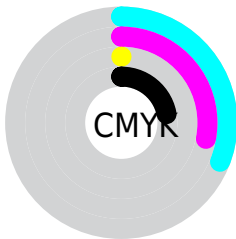
Blue (78%)



Red (54%)

Yellow (56%)

Blue (78%)

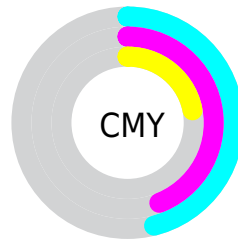


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (22%)



Cyan (46%)

Magenta (44%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898FC6 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 898FC6 by changing the saturation by 10% instead.



■ 898FC6

■ 898FC6

FFFFFF

■ 6F75AB

■ C0C5FF

■ 555D90

■ DCE1FF

■ 3C4576

■ F9FDFF

■ 232F5D

■ 051B45

■ 00002F

■ 000119

■ 000000

■ 898FC6

■ 898FC6

757DC6

9DA1C6

616BC6

B1B3C6

4E59C6

C4C5C6

3A48C6

D8D6C6

2636C6

ECE8C6

1224C6

FFFAC6

0013C6

FFFFC6

# Harmonies

## Analogous

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



5E98C8



898FC6



AC85B6

# Triad

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



898FC6



C1856A



52A188

# Complementary

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



898FC6



C6C089

# 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.



739D6F



898FC6



AE8E5D

# Square

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



898FC6



C97F81



93975F



33A1A4

# Rectangle

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



898FC6



BD80A6



93975F



5DA07F



# Sweetspot

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



898FC6



E8EAFF



89C6C0



717380



000000



808080



# Same Dimension

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



898FC6



A1AAFF



A189C6



5A5A63



0010A3



000424



# Inverse Universe

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



C6898F



FFA1AA



AEC689



635A5A



A30010

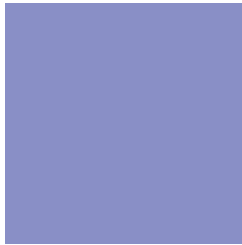


240004



# Previews

## White Background



This preview shows how the Hex color 898FC6 looks on a white background.

## Color Contrast Check

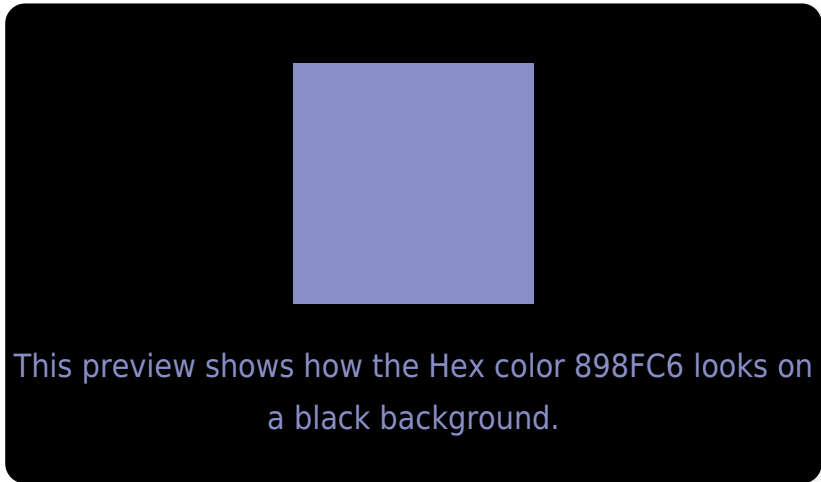
Large Text (above 18pt) WCAG AA ✓ Pass

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 898FC6 Background



This preview shows how black text looks on a background with the Hex color 898FC6.



This preview shows how white text looks on a background with the Hex color 898FC6.

# 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](#).

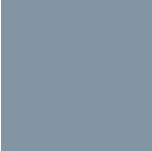
## Dichromacy



**Original Color**  
898FC6

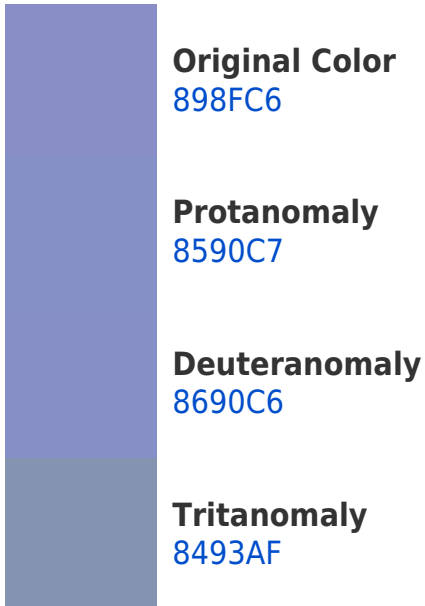
**Protanopia**  
8391C7

**Deuteranopia**  
8490C6



**Tritanopia**  
8196A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898FC6 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 #898FC6 looks like.

```
.text, #text, p{  
    color:#898FC6  
}
```

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 #898FC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898FC6
}
```

## Border

The CSS property to change the border of an element to Hex 898FC6 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
#898FC6 }
```

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

```
.border{ border-color:#898FC6 }
```

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

Here you see how a box with a 4 pixel #898FC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898FC6; -webkit-box-shadow:4px 4px  
4px 4px #898FC6; box-shadow:4px 4px 4px  
4px #898FC6 }
```

# Background

The CSS property to change the background color of an element to Hex 898FC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898FC6 }
```

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

```
.background{ background-color:#898FC6 }
```

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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