

Converting Colors

Hex(878CC3)

Have a look what the booklet for
Hex(878CC3) contains.

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Color

Hex(878CC3)

Conversions

Conversions Part 1

Format	Color
Hex	878CC3
RGB	135, 140, 195
RGB Percent	53%, 55%, 76%
CMY	0.4706, 0.4510, 0.2353
CMYK	0.31, 0.28, 0.00, 0.24
HSL	235°, 33%, 65%
HSV	235°, 31%, 76%
XYZ	29.2201, 27.8472, 55.4647
YIQ	144.7750, -20.6350, 16.0450

Conversions

Conversions Part 2

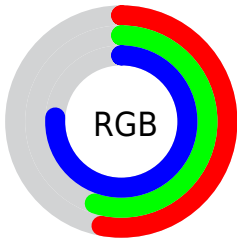
Format	Color
R_{YB}	135, 140, 195
Decimal	8883395
CIE _{Lab}	59.75, 10.95, -29.12
CIE _{LCh}	60, 31.113, 290.598
Yxy	27.8472, 0.2597, 0.2475
Android (android.graphics.Color)	4287073475 (0xFF878CC3)
YUV	144.7750, 24.7609, -8.5727
Hunter-Lab	52.7704, 6.4909, -25.3779

Details

The Hex color **878CC3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3BE87**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BEC1FC**, and **535A8D** is the 20% darker color. If you saturate the color by 10%, you get **747AC3**, and if you desaturate by 10%, it is **9B9EC3**.

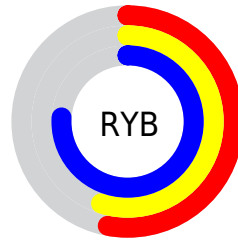
Distribution



Red (53%)

Green (55%)

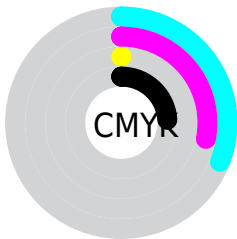
Blue (76%)



Red (53%)

Yellow (55%)

Blue (76%)

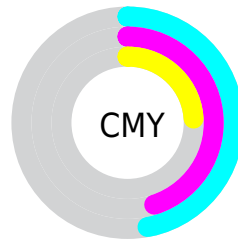


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (45%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878CC3 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 878CC3 by changing the saturation by 10% instead.



878CC3



878CC3

FFFFFF



6D73A8



BEC1FC



535A8D



DADDFE



3A4373



F7FAFF



212D5B



031843



00002D



000117



000000



878CC3



878CC3

747AC3

9B9EC3

6068C3

AEB0C3

4D56C3

C2C2C3

3944C3

D5D4C3

2533C3

E8E5C3

1221C3

FCF7C3

0010C3

FFFFC3

Harmonies

Analogous

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



5B95C5



878CC3



AA82B3

Triad

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



878CC3



BE8267



4E9E86

Complementary

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



878CC3



C3BE87

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.



709B6C



878CC3



AA8B5A

Square

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



878CC3



C67C7E



8F945C



2E9FA2

Rectangle

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



878CC3



BA7DA3



8F945C



599D7D

Sweetspot

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



878CC3



E6E8FC



87C3BE



717380



000000



808080

Same Dimension

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



878CC3



9FA7FC



A087C3



575861



000DA1



000321

Inverse Universe

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



C3878C



FC9FA7



AAC387



615758



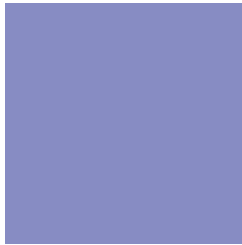
A1000D



210003

Previews

White Background



This preview shows how the Hex color 878CC3 looks on a white background.

Color Contrast Check

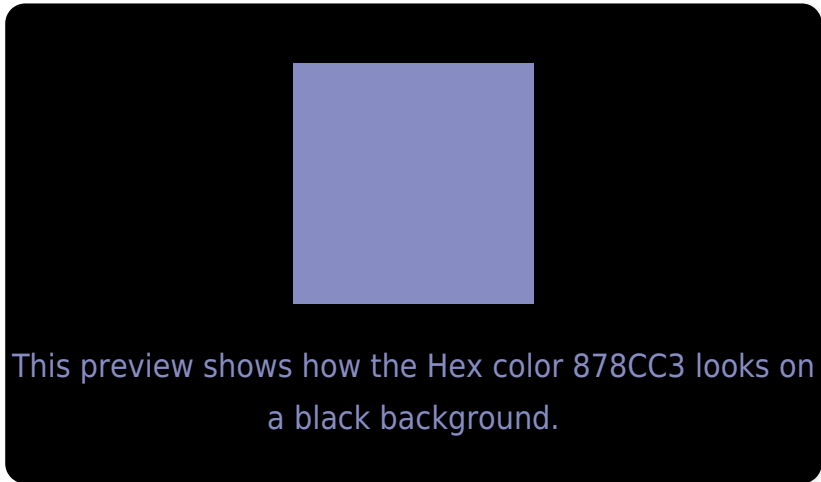
Large Text (above 18pt) WCAG AA ✓ Pass

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

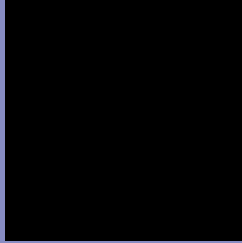
Any Text WCAG AA ✓ Pass

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 878CC3 Background



This preview shows how black text looks on a background with the Hex color 878CC3.



This preview shows how white text looks on a background with the Hex color 878CC3.

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](#).

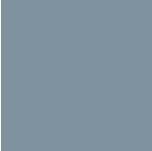
Dichromacy



Original Color
878CC3

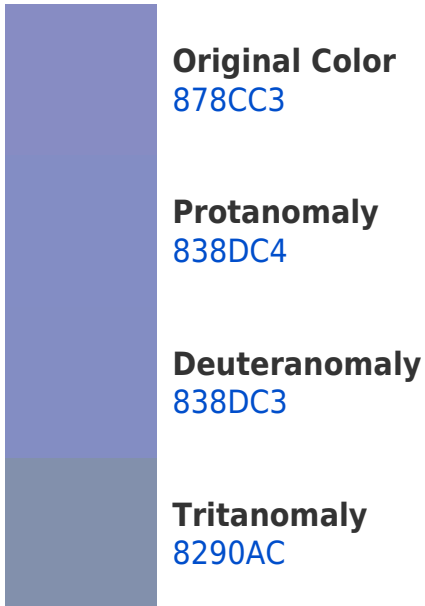
Protanopia
808EC4

Deuteranopia
818EC3

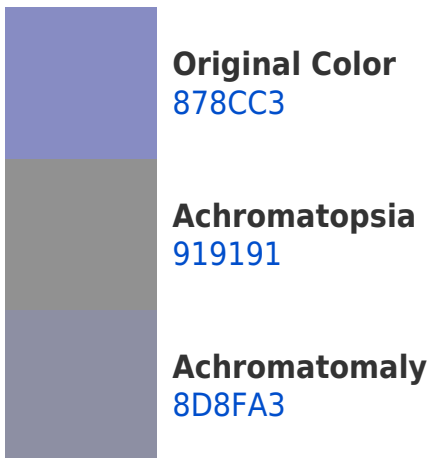


Tritanopia
7F939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 878CC3 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 #878CC3 looks like.

```
.text, #text, p{  
    color:#878CC3  
}
```

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 #878CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878CC3
}
```

Border

The CSS property to change the border of an element to Hex 878CC3 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
#878CC3 }
```

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

```
.border{ border-color:#878CC3 }
```

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

Here you see how a box with a 4 pixel #878CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878CC3; -webkit-box-shadow:4px 4px  
4px 4px #878CC3; box-shadow:4px 4px 4px  
4px #878CC3 }
```

Background

The CSS property to change the background color of an element to Hex 878CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878CC3 }
```

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

```
.background{ background-color:#878CC3 }
```

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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