

Converting Colors

Hex(878AB6)

Have a look what the booklet for
Hex(878AB6) contains.

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Color

Hex(878AB6)

Conversions

Conversions Part 1

Format	Color
Hex	878AB6
RGB	135, 138, 182
RGB Percent	53%, 54%, 71%
CMY	0.4706, 0.4588, 0.2863
CMYK	0.26, 0.24, 0.00, 0.29
HSL	236°, 24%, 62%
HSV	236°, 26%, 71%
XYZ	27.5236, 26.7053, 47.9599
YIQ	142.1190, -15.9120, 13.0480

Conversions

Conversions Part 2

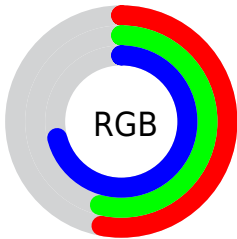
Format	Color
RYB	135, 138, 182
Decimal	8882870
CIELab	58.70, 8.81, -23.38
CIElCh	59, 24.984, 290.649
Yxy	26.7053, 0.2693, 0.2613
Android (android.graphics.Color)	4287072950 (0xFF878AB6)
YUV	142.1190, 19.6613, -6.2434
Hunter-Lab	51.6771, 4.6356, -18.8512

Details

The Hex color **878AB6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B6B387**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BDBFEE**, and **545881** is the 20% darker color. If you saturate the color by 10%, you get **7579B6**, and if you desaturate by 10%, it is **999BB6**.

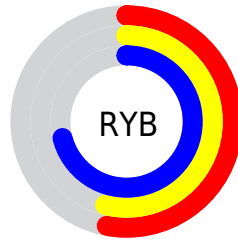
Distribution



Red (53%)

Green (54%)

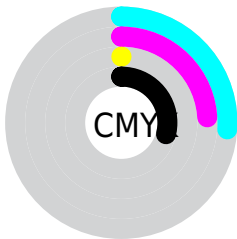
Blue (71%)



Red (53%)

Yellow (54%)

Blue (71%)

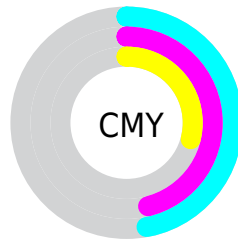


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878AB6 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 878AB6 by changing the saturation by 10% instead.

■ 878AB6

■ 878AB6

FFFFFF

■ 6D719B

■ BDBFEE

■ 545881

■ D9DBFF

■ 3C4168

■ F6F8FF

■ 242B4F

■ 0B1738

■ 000023

■ 000009

■ 000000

■ 878AB6

■ 878AB6

 7579B6

 999BB6

 6368B6

 ABACB6

 5057B6

 BEBDB6

 3E46B6

 D0CEB6

 2C35B6

 E2DFB6

 1A24B6

 F4F0B6

 0813B6

 FFFFB6

 000CB6

Harmonies

Analogous

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



6791B8



878AB6



A383A9

Triad

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



878AB6



B3826C



5B9985

Complementary

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



878AB6



B6B387

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.



749671



878AB6



A38962

Square

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



878AB6



B97E7F



8D9164



4A999C

Rectangle

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



878AB6



B07F9C



8D9164



63987E

Sweetspot

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



878AB6



DADBED



87B6B3



6C6D78



F7F7F7



787878

Same Dimension

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



878AB6



A4A8ED



9B87B6



53535C



000A9C



00021C

Inverse Universe

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



B6878A



EDA4A8



A2B687



5C5353



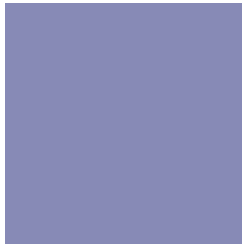
9C000A



1C0002

Previews

White Background



This preview shows how the Hex color 878AB6 looks on a white background.

Color Contrast Check

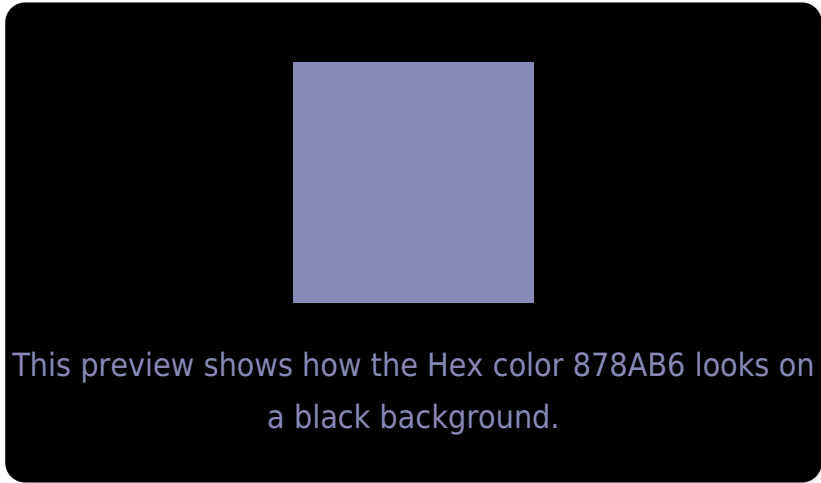
Large Text (above 18pt) WCAG AA ✓ Pass

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

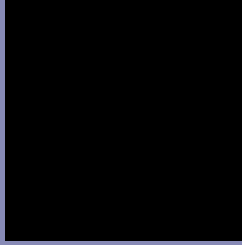
Any Text WCAG AA ✓ Pass

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 878AB6 Background



This preview shows how black text looks on a background with the Hex color 878AB6.



This preview shows how white text looks on a background with the Hex color 878AB6.

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
878AB6

Protanopia
828BB7

Deuteranopia
858BB6



Tritanopia
828F9A

Trichromacy



Original Color
878AB6

Protanomaly
848BB7

Deuteranomaly
868BB6

Tritanomaly
848DA4

Monochromacy



Original Color
878AB6

Achromatopsia
8E8E8E

Achromatomaly
8B8D9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 878AB6 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 #878AB6 looks like.

```
.text, #text, p{  
    color:#878AB6  
}
```

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 #878AB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878AB6  
}
```

Border

The CSS property to change the border of an element to Hex 878AB6 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  
#878AB6 }
```

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

```
.border{ border-color:#878AB6 }
```

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

Here you see how a box with a 4 pixel #878AB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878AB6; -webkit-box-shadow:4px 4px  
4px 4px #878AB6; box-shadow:4px 4px 4px  
4px #878AB6 }
```

Background

The CSS property to change the background color of an element to Hex 878AB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878AB6 }
```

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

```
.background{ background-color:#878AB6 }
```

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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