

Converting Colors

Hex(868AC0)

Have a look what the booklet for
Hex(868AC0) contains.

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Color

Hex(868AC0)

Conversions

Conversions Part 1

Format	Color
Hex	868AC0
RGB	134, 138, 192
RGB Percent	53%, 54%, 75%
CMY	0.4745, 0.4588, 0.2471
CMYK	0.30, 0.28, 0.00, 0.25
HSL	236°, 32%, 64%
HSV	236°, 30%, 75%
XYZ	28.4344, 27.0511, 53.5919
YIQ	142.9600, -19.7180, 15.9460

Conversions

Conversions Part 2

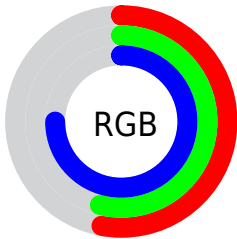
Format	Color
RYB	134, 138, 192
Decimal	8817344
CIELab	59.02, 11.04, -28.56
CIElCh	59, 30.620, 291.125
Yxy	27.0511, 0.2607, 0.2480
Android (android.graphics.Color)	4287007424 (0xFF868AC0)
YUV	142.9600, 24.1767, -7.8579
Hunter-Lab	52.0106, 6.5681, -24.6851

Details

The Hex color **868AC0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C0BC86**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BCBFF9**, and **52588A** is the 20% darker color. If you saturate the color by 10%, you get **7378C0**, and if you desaturate by 10%, it is **999CC0**.

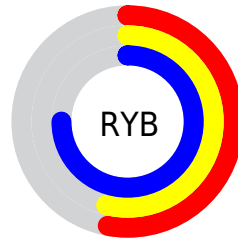
Distribution



Red (53%)

Green (54%)

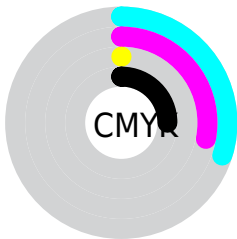
Blue (75%)



Red (53%)

Yellow (54%)

Blue (75%)

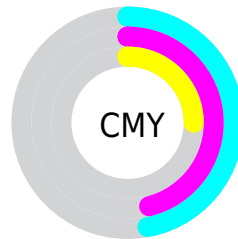


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (46%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 868AC0 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 868AC0 by changing the saturation by 10% instead.

■ 868AC0

■ 868AC0

FFFFFF

■ 6C71A5

■ BCBFF9

■ 52588A

■ D9DBFF

■ 394171

■ F5F8FF

■ 202B58

■ 031740

■ 00002A

■ 000114

■ 000000

■ 868AC0

■ 868AC0

7378C0

999CC0

6066C0

ACAEC0

4C54C0

C0C0C0

3942C0

D3D2C0

2631C0

E6E3C0

131FC0

F9F5C0

000DC0

FFFFC0

Harmonies

Analogous

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



5B93C3



868AC0



A880B0

Triad

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



868AC0



BB8165



4D9C85

Complementary

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



868AC0



C0BC86

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.



6E996B



868AC0



A78A59

Square

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



868AC0



C37A7C



8D925B



2E9CA0

Rectangle

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



868AC0



B87CA0



8D925B



589B7C

Sweetspot

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



868AC0



E3E5FA



86C0BB



6F707D



FCFCFC



7D7D7D

Same Dimension

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



868AC0



A0A6FA



9E86C0



575861



000BA1



000221

Inverse Universe

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



C0868A



FAA0A6



A8C086



615758



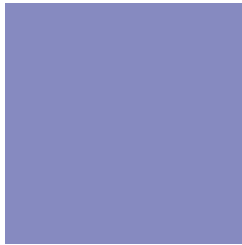
A1000B



210002

Previews

White Background



This preview shows how the Hex color 868AC0 looks on a white background.

Color Contrast Check

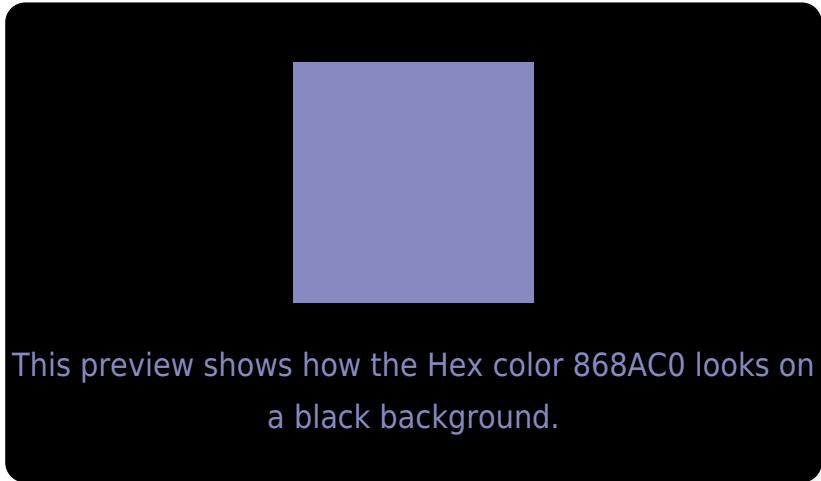
Large Text (above 18pt) WCAG AA ✓ Pass

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

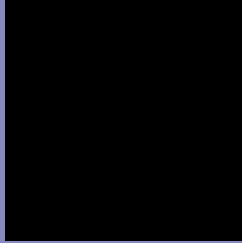
Any Text WCAG AA ✓ Pass

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 868AC0 Background



This preview shows how black text looks on a background with the Hex color 868AC0.



This preview shows how white text looks on a background with the Hex color 868AC0.

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](#).

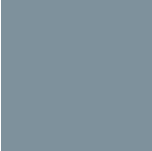
Dichromacy



Original Color
868AC0

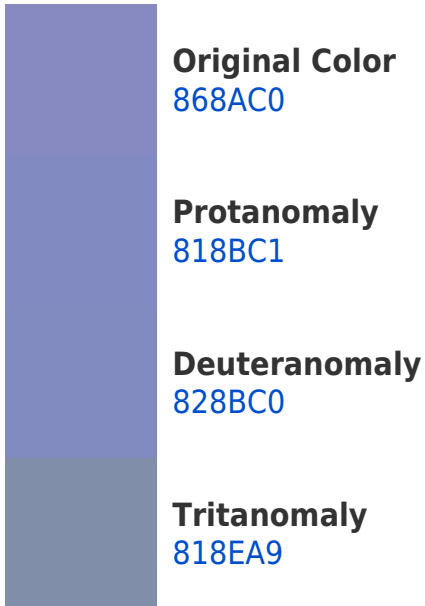
Protanopia
7E8CC2

Deuteranopia
808CC0

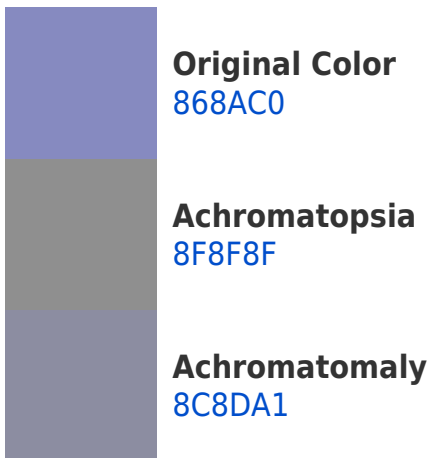


Tritanopia
7E919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 868AC0 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 #868AC0 looks like.

```
.text, #text, p{  
    color:#868AC0  
}
```

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 #868AC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868AC0  
}
```

Border

The CSS property to change the border of an element to Hex 868AC0 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  
#868AC0 }
```

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

```
.border{ border-color:#868AC0 }
```

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

Here you see how a box with a 4 pixel #868AC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868AC0; -webkit-box-shadow:4px 4px  
4px 4px #868AC0; box-shadow:4px 4px 4px  
4px #868AC0 }
```

Background

The CSS property to change the background color of an element to Hex 868AC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868AC0 }
```

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

```
.background{ background-color:#868AC0 }
```

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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