

Converting Colors

Hex(868CBE)

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

Hex(868CBE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(868CBE)

Conversions

Conversions Part 1

Format	Color
Hex	868CBE
RGB	134, 140, 190
RGB Percent	53%, 55%, 75%
CMY	0.4745, 0.4510, 0.2549
CMYK	0.29, 0.26, 0.00, 0.25
HSL	234°, 30%, 64%
HSV	234°, 29%, 75%
XYZ	28.5039, 27.5422, 52.5291
YIQ	143.9060, -19.6260, 14.2780

Conversions

Conversions Part 2

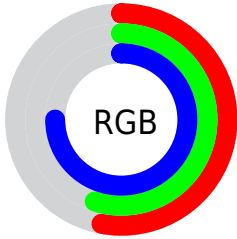
Format	Color
RYB	134, 139, 190
Decimal	8817854
CIELab	59.47, 9.36, -26.73
CIELCh	59, 28.325, 289.301
Yxy	27.5422, 0.2625, 0.2537
Android (android.graphics.Color)	4287007934 (0xFF868CBE)
YUV	143.9060, 22.7243, -8.6876
Hunter-Lab	52.4807, 5.1077, -22.6082

Details

The Hex color **868CBE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BEB886**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **BCC1F6**, and **535A88** is the 20% darker color. If you saturate the color by 10%, you get **737BBE**, and if you desaturate by 10%, it is **999DBE**.

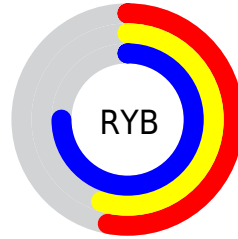
Distribution



Red (53%)

Green (55%)

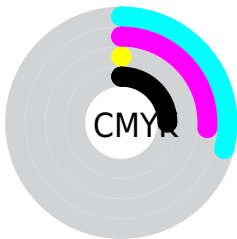
Blue (75%)



Red (53%)

Yellow (55%)

Blue (75%)

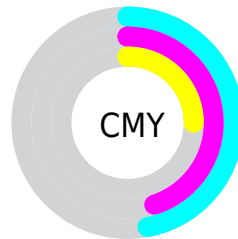


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

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

■ 868CBE

■ 868CBE

FFFFFF

■ 6C73A3

■ BCC1F6

■ 535A88

■ D8DDFF

■ 3A436F

■ F5FAFF

■ 212D56

■ 05183F

■ 000029

■ 000113

■ 000000

■ 868CBE

■ 868CBE

737BBE

999DBE

606ABE

ACAEBE

4D59BE

BFBFBE

3A48BE

D2D0BE

2737BE

E5E1BE

1426BE

F8F2BE

0115BE

FFFFBE

0014BE

Harmonies

Analogous

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



6094C0



868CBE



A683B0

Triad

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



868CBE



BA826A



569C85

Complementary

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



868CBE



BEB886

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.



74996E



868CBE



A88B5E

Square

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



868CBE



C17D80



909360



3E9D9F

Rectangle

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



868CBE



B57FA1



909360



609B7D

Sweetspot

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



868CBE



E1E3F7



86BEB7



6F717D



FCFCFC



7D7D7D

Same Dimension

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



868CBE



A1AAF7



9B86BE



55565E



00119E



00031F

Inverse Universe

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



BE868C



F7A1AA



A9BE86



5E5556



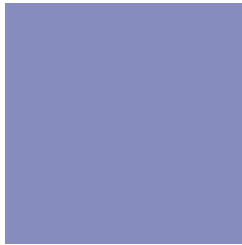
9E0011



1F0003

Previews

White Background



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

Color Contrast Check

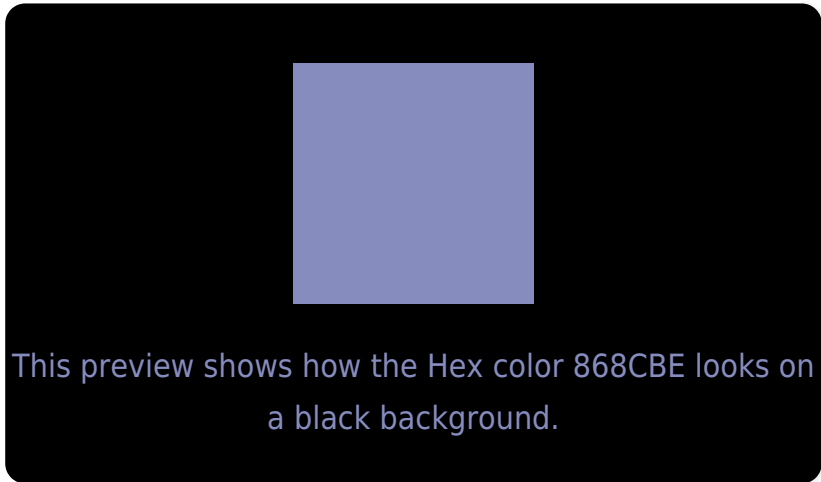
Large Text (above 18pt) WCAG AA ✓ Pass

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

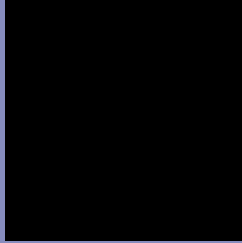
Any Text WCAG AA ✓ Pass

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 868CBE Background



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



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

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
868CBE

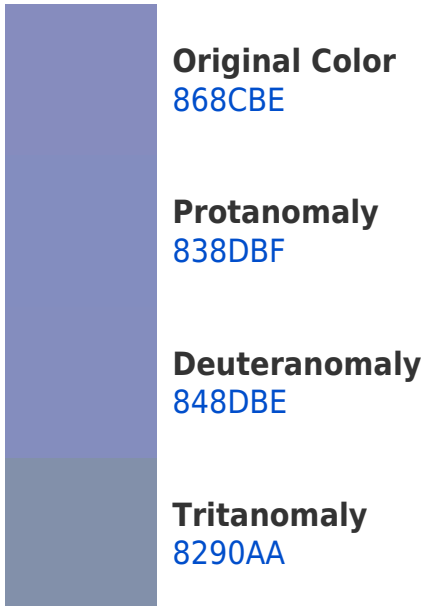
Protanopia
818DBF

Deuteranopia
838DBE

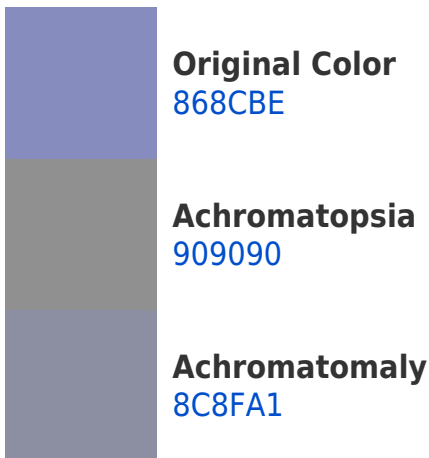


Tritanopia
7F929E

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #868CBE colored shadow looks like.

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

Border

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

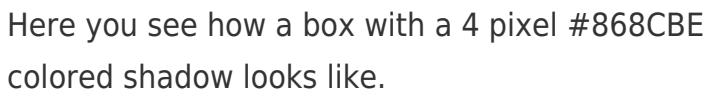
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#868CBE }
```

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

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

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



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

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

Background

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

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

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

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

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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