

Converting Colors

Hex(8A8EB1)

Have a look what the booklet for
Hex(8A8EB1) contains.

Hex(8A8EB1)	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(8A8EB1)

Conversions

Conversions Part 1

Format	Color
Hex	8A8EB1
RGB	138, 142, 177
RGB Percent	54%, 56%, 69%
CMY	0.4588, 0.4431, 0.3059
CMYK	0.22, 0.20, 0.00, 0.31
HSL	234°, 20%, 62%
HSV	234°, 22%, 69%
XYZ	28.0900, 27.9236, 45.5043
YIQ	144.7940, -13.6190, 10.0370

Conversions

Conversions Part 2

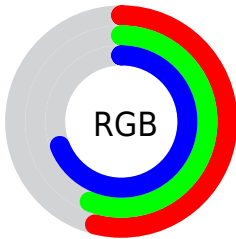
Format	Color
RYB	138, 142, 177
Decimal	9080497
CIELab	59.82, 6.24, -18.81
CIElCh	60, 19.814, 288.356
Yxy	27.9236, 0.2767, 0.2751
Android (android.graphics.Color)	4287270577 (0xFF8A8EB1)
YUV	144.7940, 15.8776, -5.9583
Hunter-Lab	52.8428, 2.4117, -14.0662

Details

The Hex color **8A8EB1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B1AD8A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **C0C4E9**, and **575C7C** is the 20% darker color. If you saturate the color by 10%, you get **787EB1**, and if you desaturate by 10%, it is **9C9EB1**.

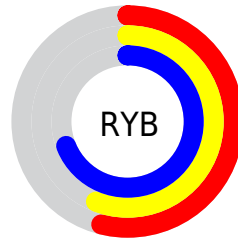
Distribution



Red (54%)

Green (56%)

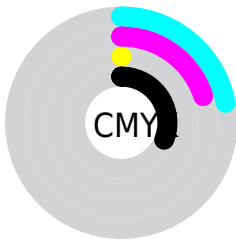
Blue (69%)



Red (54%)

Yellow (56%)

Blue (69%)

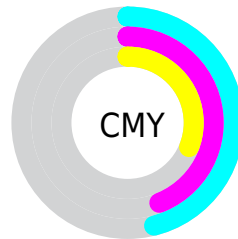


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (31%)



Cyan (46%)

Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A8EB1 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 8A8EB1 by changing the saturation by 10% instead.



8A8EB1



8A8EB1

FFFFFF



707496



C0C4E9



575C7C



DCE0FF



3F4463



F9FCFF



282E4B



111A34



000020



000003



000000



8A8EB1



8A8EB1

787EB1

9C9EB1

676EB1

ADAEB1

555EB1

BFBE1

434EB1

D1CEB1

323FB1

E3DDB1

202FB1

F4EDB1

0E1FB1

FFFDB1

0012B1

FFFFB1

Harmonies

Analogous

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



7394B2



8A8EB1



A088A7

Triad

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



8A8EB1



B08777



6B9A88

Complementary

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



8A8EB1



B1AD8A

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.



7E9779



8A8EB1



A48D6E

Square

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



8A8EB1



B48486



92926F



609A9A

Rectangle

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



8A8EB1



AB859D



92926F



719983

Sweetspot

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



8A8EB1



D5D7E6



8AB1AC



6A6B73



F2F2F2



737373

Same Dimension

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



8A8EB1



AAB0E6



998AB1



505159



001099



00031A

Inverse Universe

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



B18A8E



E6AAB0



A2B18A



595051



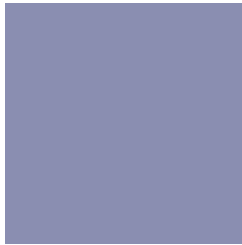
990010



1A0003

Previews

White Background



This preview shows how the Hex color 8A8EB1 looks on a white background.

Color Contrast Check

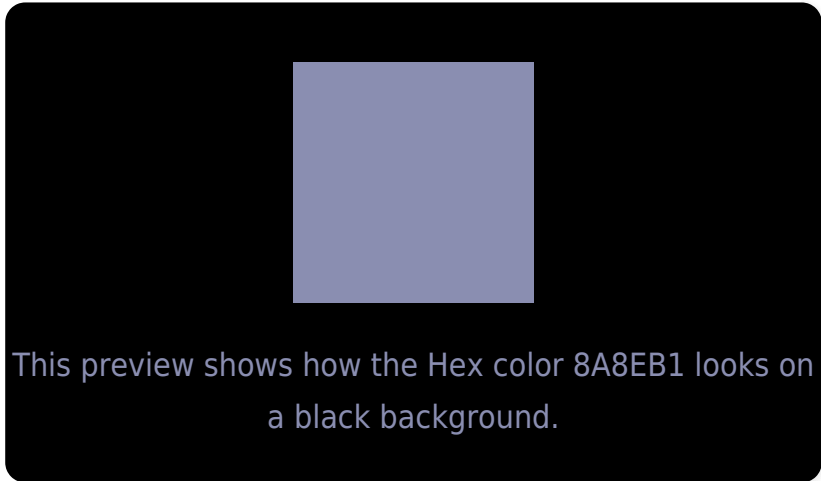
Large Text (above 18pt) WCAG AA ✓ Pass

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

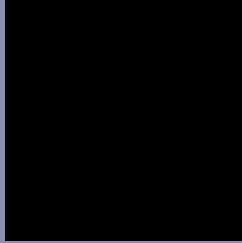
Any Text WCAG AA ✓ Pass

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 8A8EB1 Background



This preview shows how black text looks on a background with the Hex color 8A8EB1.



This preview shows how white text looks on a background with the Hex color 8A8EB1.

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](#).

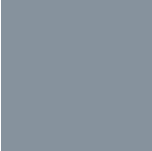
Dichromacy



Original Color
8A8EB1

Protanopia
888FB1

Deuteranopia
8D8DB1



Tritanopia
86929D

Trichromacy



Original Color
8A8EB1

Protanomaly
898FB1

Deuteranomaly
8C8DB1

Tritanomaly
8791A4

Monochromacy



Original Color
8A8EB1

Achromatopsia
919191

Achromatomaly
8E909D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A8EB1 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 #8A8EB1 looks like.

```
.text, #text, p{  
    color:#8A8EB1  
}
```

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 #8A8EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A8EB1
}
```

Border

The CSS property to change the border of an element to Hex 8A8EB1 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
#8A8EB1 }
```

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

```
.border{ border-color:#8A8EB1 }
```

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

Here you see how a box with a 4 pixel #8A8EB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A8EB1; -webkit-box-shadow:4px 4px  
4px 4px #8A8EB1; box-shadow:4px 4px 4px  
4px #8A8EB1 }
```

Background

The CSS property to change the background color of an element to Hex 8A8EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A8EB1 }
```

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

```
.background{ background-color:#8A8EB1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor