

Converting Colors

Hex(8C8EAA)

Have a look what the booklet for
Hex(8C8EAA) contains.

Hex(8C8EAA)	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(8C8EAA)

Conversions

Conversions Part 1

Format	Color
Hex	8C8EAA
RGB	140, 142, 170
RGB Percent	55%, 56%, 67%
CMY	0.4510, 0.4431, 0.3333
CMYK	0.18, 0.16, 0.00, 0.33
HSL	236°, 15%, 61%
HSV	236°, 18%, 67%
XYZ	27.7439, 27.8237, 41.9385
YIQ	144.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

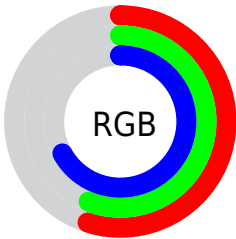
Format	Color
R_{YB}	140, 142, 170
Decimal	9211562
CIE _{Lab}	59.73, 5.26, -14.95
CIE _{LCh}	60, 15.847, 289.372
Yxy	27.8237, 0.2845, 0.2854
Android (android.graphics.Color)	4287401642 (0xFF8C8EAA)
YUV	144.5940, 12.5252, -4.0289
Hunter-Lab	52.7482, 1.5761, -10.2159

Details

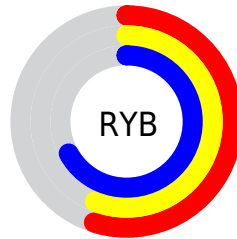
The Hex color **8C8EAA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AAA88C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C2C4E1**, and **5A5C76** is the 20% darker color. If you saturate the color by 10%, you get **7B7EAA**, and if you desaturate by 10%, it is **9D9EAA**.

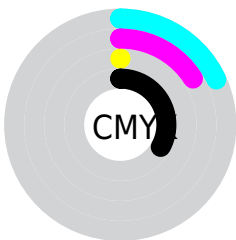
Distribution



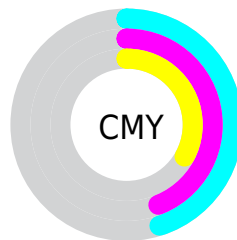
- Red (55%)
- Green (56%)
- Blue (67%)



- Red (55%)
- Yellow (56%)
- Blue (67%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (45%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C8EAA 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 8C8EAA by changing the saturation by 10% instead.

■ 8C8EAA

■ 8C8EAA

FFFFFF

■ 72748F

■ C2C4E1

■ 5A5C76

■ DEE0FE

■ 42445D

■ FAFCFF

■ 2B2E45

■ 151A2F

■ 00001B

■ 000000

■ 8C8EAA

■ 8C8EAA

■ 7B7EAA

■ 9D9EAA

■ 6A6EAA

■ AEAEAA

■ 595EAA

■ BFBEEA

■ 484FAA

■ D0CDAA

■ 373FAA

■ E1DDAA

■ 262FAA

■ F2EDAA

■ 151FAA

■ FFFDAA

■ 040FAA

■ FFFFAA

■ 000BAA

Harmonies

Analogous

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



7A93AB



8C8EAA



9D89A2

Triad

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



8C8EAA



AA897B



73988A

Complementary

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



8C8EAA



AAA88C

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.



81967D



8C8EAA



A08D75

Square

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



8C8EAA



AD8687



919276



6B9899

Rectangle

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



8C8EAA



A6879A



919276



779786

Sweetspot

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



8C8EAA



D3D3DE



8CAAA8



696A70



F0F0F0



707070

Same Dimension

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



8C8EAA



AFB2DE



998CAA



4C4C54



000A94



000114

Inverse Universe

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



AA8C8E



DEAFB2



9DAA8C



544C4C



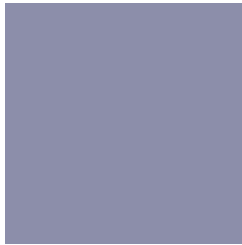
94000A



140001

Previews

White Background



This preview shows how the Hex color 8C8EAA looks on a white background.

Color Contrast Check

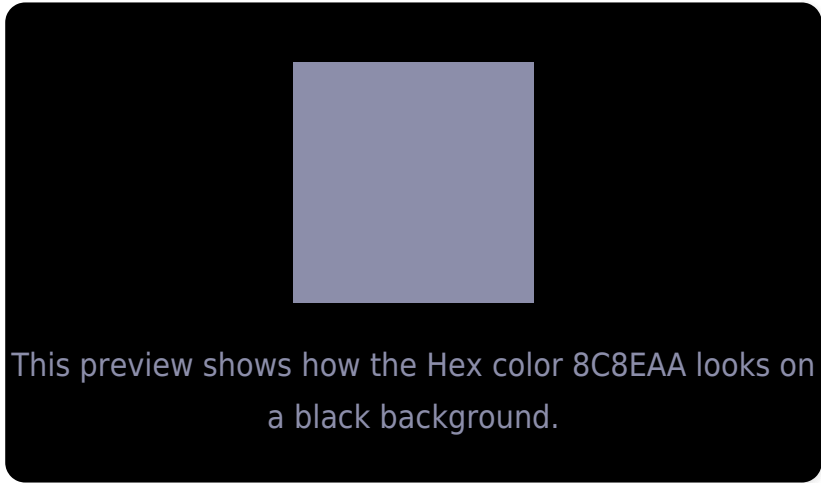
Large Text (above 18pt) WCAG AA ✓ Pass

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

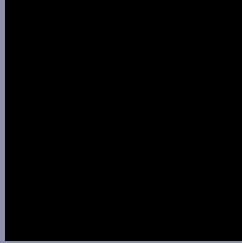
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

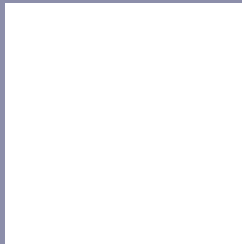
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8C8EAA Background



This preview shows how black text looks on a background with the Hex color 8C8EAA.



This preview shows how white text looks on a background with the Hex color 8C8EAA.

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

8C8EAA

Protanopia

8A8FAA

Deuteranopia

918CAA



Tritanopia
89909C

Trichromacy



Original Color
8C8EAA

Protanomaly
8B8FAA

Deuteranomaly
8F8DAA

Tritanomaly
8A8FA1

Monochromacy



Original Color
8C8EAA

Achromatopsia
919191

Achromatomaly
8F909A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C8EAA 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 #8C8EAA looks like.

```
.text, #text, p{  
    color:#8C8EAA  
}
```

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 #8C8EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8EAA
}
```

Border

The CSS property to change the border of an element to Hex 8C8EAA 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
#8C8EAA }
```

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

```
.border{ border-color:#8C8EAA }
```

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

Here you see how a box with a 4 pixel #8C8EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8EAA; -webkit-box-shadow:4px 4px  
4px 4px #8C8EAA; box-shadow:4px 4px 4px  
4px #8C8EAA }
```

Background

The CSS property to change the background color of an element to Hex 8C8EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8EAA }
```

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

```
.background{ background-color:#8C8EAA }
```

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