

Converting Colors

Hex(848EAA)

Have a look what the booklet for
Hex(848EAA) contains.

Hex(848EAA)	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(848EAA)

Conversions

Conversions Part 1

Format	Color
Hex	848EAA
RGB	132, 142, 170
RGB Percent	52%, 56%, 67%
CMY	0.4824, 0.4431, 0.3333
CMYK	0.22, 0.16, 0.00, 0.33
HSL	224°, 18%, 59%
HSV	224°, 22%, 67%
XYZ	26.4444, 27.1538, 41.8776
YIQ	142.2020, -14.9480, 6.5880

Conversions

Conversions Part 2

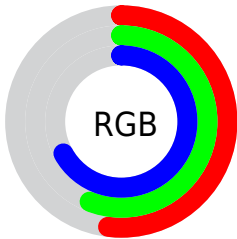
Format	Color
RYB	132, 140, 170
Decimal	8687274
CIELab	59.12, 2.64, -15.94
CIELCh	59, 16.152, 279.393
Yxy	27.1538, 0.2770, 0.2844
Android (android.graphics.Color)	4286877354 (0xFF848EAA)
YUV	142.2020, 13.7044, -8.9472
Hunter-Lab	52.1093, -0.6062, -11.1719

Details

The Hex color **848EAA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AAA084**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BAC4E1**, and **525C76** is the 20% darker color. If you saturate the color by 10%, you get **7381AA**, and if you desaturate by 10%, it is **959BAA**.

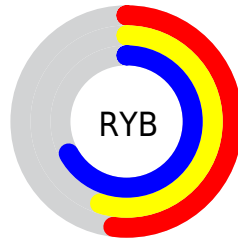
Distribution



Red (52%)

Green (56%)

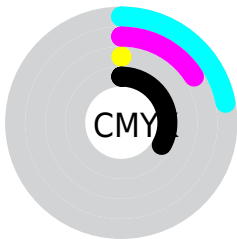
Blue (67%)



Red (52%)

Yellow (55%)

Blue (67%)

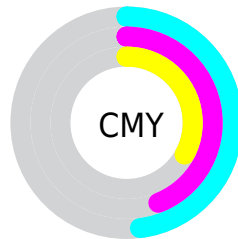


Cyan (22%)

Magenta (16%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 848EAA 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 848EAA by changing the saturation by 10% instead.

■ 848EAA

■ 848EAA

FFFFFF

■ 6A748F

■ BAC4E1

■ 525C76

■ D5E0FE

■ 3A445D

■ F2FCFF

■ 232E45

■ 0D1A2F

■ 00011B

■ 000000

■ 848EAA

■ 848EAA

■ 7381AA

■ 959BAA

■ 6275AA

■ A6A7AA

■ 5168AA

■ B7B4AA

■ 405CAA

■ C8C0AA

■ 2F4FAA

■ D9CDAA

■ 1E43AA

■ EAD9AA

■ 0D36AA

■ FBE6AA

■ 002DAA

■ FFF2AA

■ FFFFAA

Harmonies

Analogous

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



7392A8



848EAA



9689A4

Triad

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



848EAA



AA867D



759684

Complementary

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



848EAA



AAA084

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.



859378



848EAA



A28A74

Square

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



848EAA



AC848A



958F72



6A9792

Rectangle

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



848EAA



A1879D



958F72



7A957F

Sweetspot

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



848EAA



CED2DE



84AAA0



676A70



F0F0F0



707070

Same Dimension

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



848EAA



A2B2DE



8D84AA



4C4E54



002794



000514

Inverse Universe

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



AA848E



DEA2B2



A1AA84



544C4E



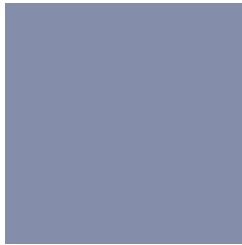
940027



140005

Previews

White Background



This preview shows how the Hex color 848EAA looks on a white background.

Color Contrast Check

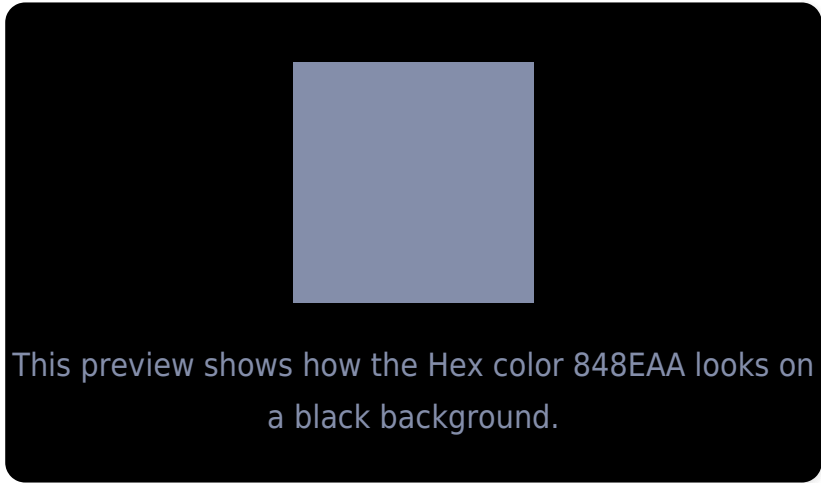
Large Text (above 18pt) WCAG AA ✓ Pass

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

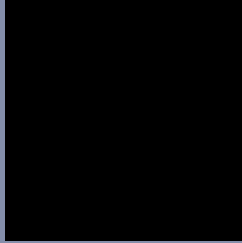
Any Text WCAG AA ✓ Pass

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 848EAA Background



This preview shows how black text looks on a background with the Hex color 848EAA.



This preview shows how white text looks on a background with the Hex color 848EAA.

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

848EAA

Protanopia

888DA9

Deuteranopia

8E8BAB



Tritanopia
81909C

Trichromacy



Original Color
848EAA

Protanomaly
878DA9

Deuteranomaly
8A8CAB

Tritanomaly
828FA1

Monochromacy



Original Color
848EAA

Achromatopsia
8E8E8E

Achromatomaly
8A8E98

CSS Examples

Text

The CSS property to change the color of the text to Hex 848EAA 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 #848EAA looks like.

```
.text, #text, p{  
    color:#848EAA  
}
```

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 #848EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848EAA
}
```

Border

The CSS property to change the border of an element to Hex 848EAA 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
#848EAA }
```

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

```
.border{ border-color:#848EAA }
```

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

Here you see how a box with a 4 pixel #848EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848EAA; -webkit-box-shadow:4px 4px  
4px 4px #848EAA; box-shadow:4px 4px 4px  
4px #848EAA }
```

Background

The CSS property to change the background color of an element to Hex 848EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848EAA }
```

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

```
.background{ background-color:#848EAA }
```

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