

# Converting Colors

Hex(808EAB)

Have a look what the booklet for  
Hex(808EAB) contains.

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# Color

**Hex(808EAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	808EAB
RGB	128, 142, 171
RGB Percent	50%, 56%, 67%
CMY	0.4980, 0.4431, 0.3294
CMYK	0.25, 0.17, 0.00, 0.33
HSL	220°, 20%, 59%
HSV	220°, 25%, 67%
XYZ	25.9258, 26.8755, 42.3491
YIQ	141.1200, -17.6530, 6.0510

# Conversions

## Conversions Part 2

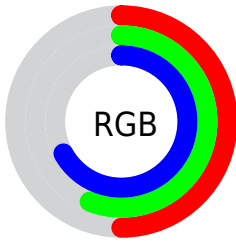
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 139, 171
Decimal	8425131
CIE <sub>Lab</sub>	58.86, 1.60, -16.92
CIE <sub>LCh</sub>	59, 16.999, 275.395
Yxy	26.8755, 0.2725, 0.2825
Android (android.graphics.Color)	4286615211 (0xFF808EAB)
YUV	141.1200, 14.7308, -11.5062
Hunter-Lab	51.8416, -1.4555, -12.1446

# Details

The Hex color **808EAB** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AB9D80**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B5C4E2**, and **4E5C77** is the 20% darker color. If you saturate the color by 10%, you get **6F82AB**, and if you desaturate by 10%, it is **919AAB**.

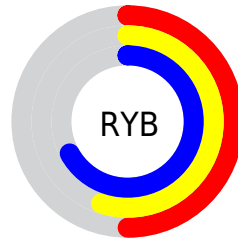
# Distribution



Red (50%)

Green (56%)

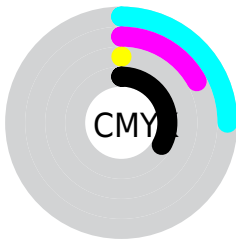
Blue (67%)



Red (50%)

Yellow (55%)

Blue (67%)

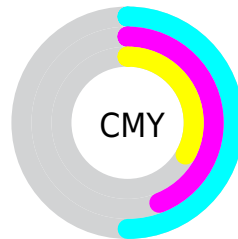


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (33%)



Cyan (50%)

Magenta (44%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808EAB 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 808EAB by changing the saturation by 10% instead.



■ 808EAB

■ 808EAB

FFFFFF

■ 667490

■ B5C4E2

■ 4E5C77

■ D1E0FF

■ 36445E

■ EEFCFF

■ 1F2E46

■ 071A30

■ 00011B

■ 000000

■ 808EAB

■ 808EAB

■ 6F82AB

■ 919AAB

■ 5E77AB

■ A2A5AB

■ 4D6BAB

■ B3B1AB

■ 3C60AB

■ C4BCAB

■ 2B54AB

■ D5C8AB

■ 1949AB

■ E7D3AB

■ 083DAB

■ F8DFAB

■ 0038AB

■ FFEAAB

■ FFF6AB

# Harmonies

## Analogous

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



6E93A8



808EAB



9489A6

# Triad

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



808EAB



AC857D



759581

# Complementary

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



808EAB



AB9D80

# 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.



869275



808EAB



A48973

# Square

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



808EAB



AC838B



968D70



689690

# Rectangle

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



808EAB



9F869F



968D70



7A947C

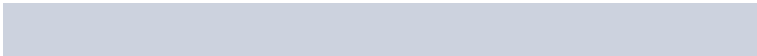


# Sweetspot

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



808EAB



CCD2DE



80AB9D



656970



F0F0F0



707070



# Same Dimension

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



808EAB



9BB1DE



8780AB



4E5157



003196



000717



# Inverse Universe

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



AB808E



DE9BB1



A4AB80



574E51



960031

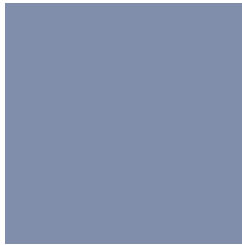


170007



# Previews

## White Background



This preview shows how the Hex color 808EAB looks on a white background.

## Color Contrast Check

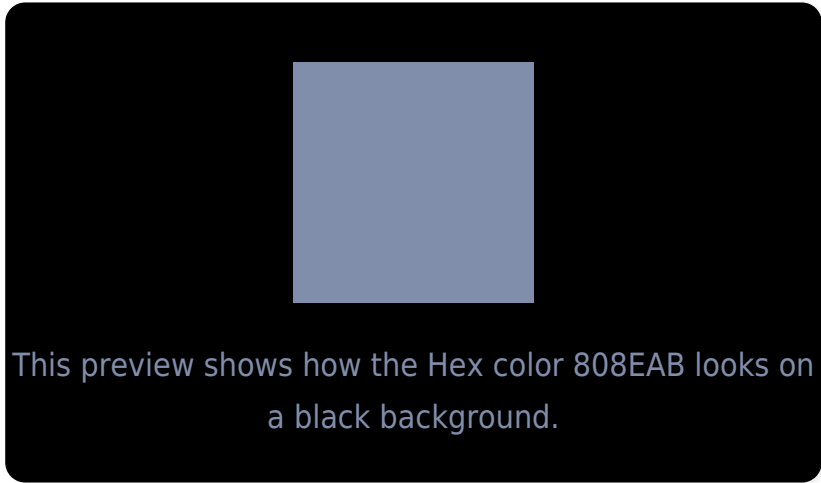
Large Text (above 18pt) WCAG AA ✓ Pass

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

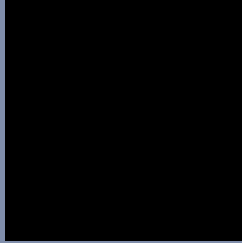
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

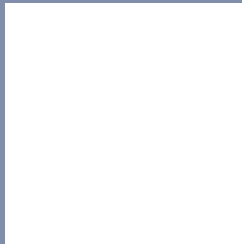
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808EAB Background



This preview shows how black text looks on a background with the Hex color 808EAB.



This preview shows how white text looks on a background with the Hex color 808EAB.

# 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](#).

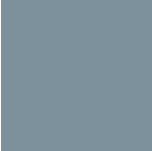
## Dichromacy



**Original Color**  
808EAB

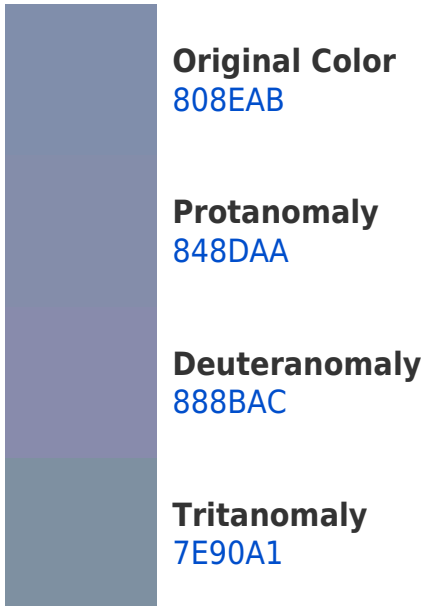
**Protanopia**  
878CAA

**Deuteranopia**  
8C8AAC

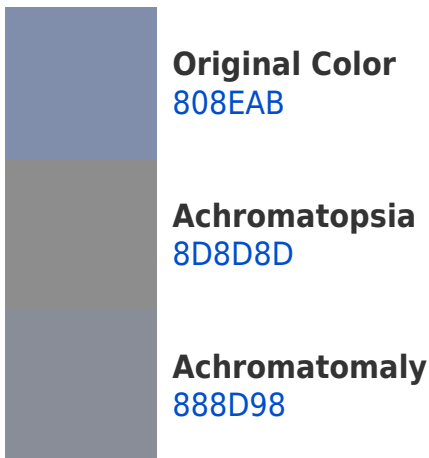


**Tritanopia**  
7D919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808EAB 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 #808EAB looks like.

```
.text, #text, p{  
    color:#808EAB  
}
```

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 #808EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808EAB } }
```

## Border

The CSS property to change the border of an element to Hex 808EAB 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 #808EAB } }
```

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

```
.border{ border-color:#808EAB }
```

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

Here you see how a box with a 4 pixel #808EAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808EAB; -webkit-box-shadow:4px 4px  
4px 4px #808EAB; box-shadow:4px 4px 4px  
4px #808EAB }
```

# Background

The CSS property to change the background color of an element to Hex 808EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808EAB }
```

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

```
.background{ background-color:#808EAB }
```

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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