

# Converting Colors

Hex(8B9EB0)

Have a look what the booklet for  
Hex(8B9EB0) contains.

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# **Color**

**Hex(8B9EB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B9EB0
RGB	139, 158, 176
RGB Percent	55%, 62%, 69%
CMY	0.4549, 0.3804, 0.3098
CMYK	0.21, 0.10, 0.00, 0.31
HSL	209°, 19%, 62%
HSV	209°, 21%, 69%
XYZ	30.7108, 33.0773, 45.8402
YIQ	154.3710, -17.1020, 1.5700

# Conversions

## Conversions Part 2

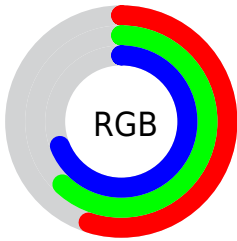
Format	Color
<a href="#">RYB</a>	<a href="#">139, 152, 176</a>
Decimal	<a href="#">9150128</a>
CIELab	<a href="#">64.22, -2.69, -11.58</a>
CIElCh	<a href="#">64, 11.889, 256.920</a>
Yxy	<a href="#">33.0773, 0.2801, 0.3017</a>
Android (android.graphics.Color)	<a href="#">4287340208 (0xFF8B9EB0)</a>
YUV	<a href="#">154.3710, 10.6631, -13.4804</a>
Hunter-Lab	<a href="#">57.5128, -5.3318, -6.9977</a>

# Details

The Hex color **8B9EB0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B09D8B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C1D5E8**, and **586B7B** is the 20% darker color. If you saturate the color by 10%, you get **7995B0**, and if you desaturate by 10%, it is **9DA7B0**.

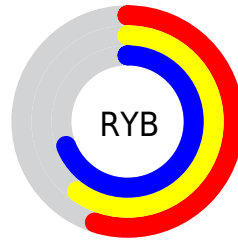
# Distribution



Red (55%)

Green (62%)

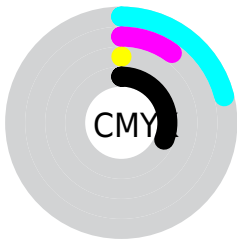
Blue (69%)



Red (55%)

Yellow (60%)

Blue (69%)

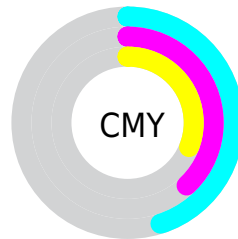


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (38%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B9EB0 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 8B9EB0 by changing the saturation by 10% instead.



■ 8B9EB0

■ 8B9EB0

FFFFFF

■ 718495

■ C1D5E8

■ 586B7B

■ DDF1FF

■ 405363

■ FAFFFF

■ 293C4B

■ 132634

■ 00111F

■ 000004

■ 000000

■ 8B9EB0

■ 8B9EB0

7995B0

9DA7B0

688DB0

AEAFB0

5684B0

C0B8B0

457CB0

D1C0B0

3373B0

E3C9B0

216BB0

F5D1B0

1062B0

FFDAB0

005AB0

FFE2B0

FFEBB0

# Harmonies

## Analogous

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



82A1AB



8B9EB0



989BB0

# Triad

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



8B9EB0



B29596



92A08D

# Complementary

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



8B9EB0



B09D8B

# 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.



9E9D87



8B9EB0



B0968D

# Square

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



8B9EB0



AE95A1



A99987



87A297

# Rectangle

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



8B9EB0



A198AD



A99987



969F8B

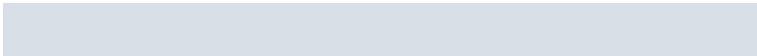


# Sweetspot

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



8B9EB0



D8DFE6



8BB09D



6B6F73



F2F2F2



737373



# Same Dimension

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



8B9EB0



ACCAE6



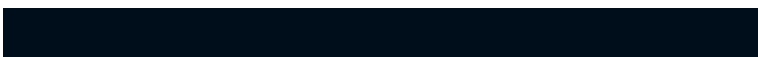
8B8CB0



505559



004F99



000D1A



# Inverse Universe

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



B08B9E



E6ACCA



B0AF8B



595055



99004F

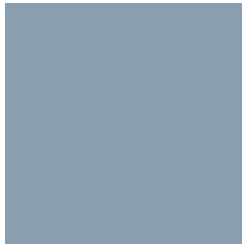


1A000D



# Previews

## White Background



This preview shows how the Hex color 8B9EB0 looks on a white background.

## Color Contrast Check

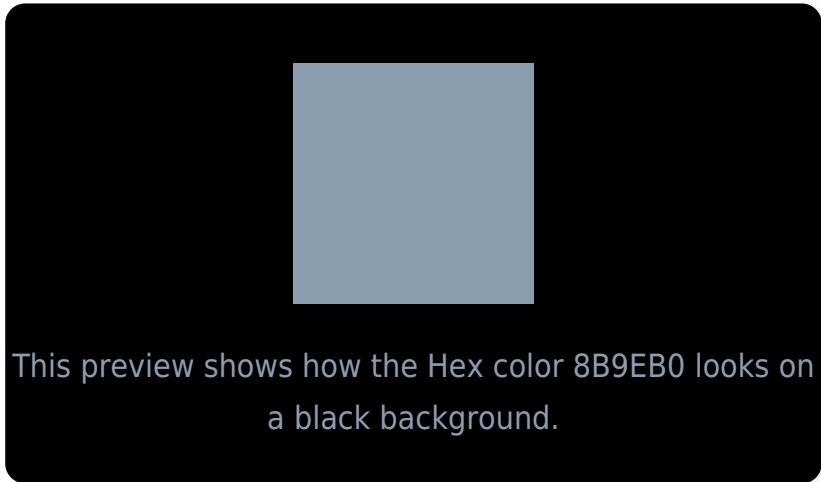
Large Text (above 18pt) WCAG AA × Fail

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

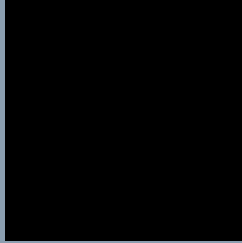
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

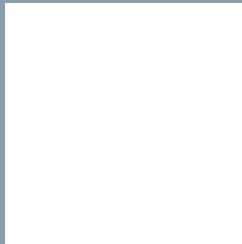
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8B9EB0 Background



This preview shows how black text looks on a background with the Hex color 8B9EB0.

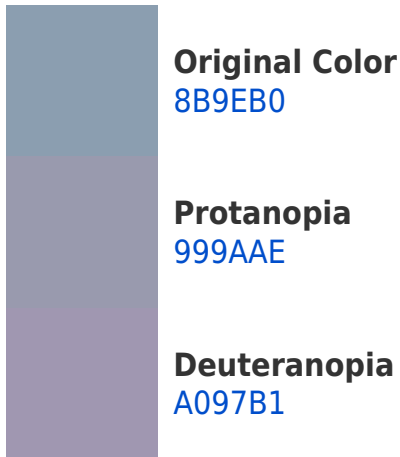


This preview shows how white text looks on a background with the Hex color 8B9EB0.

# 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





**Tritanopia**  
8A9FAB

# Trichromacy



**Original Color**  
8B9EB0

**Protanomaly**  
949BAF

**Deuteranomaly**  
989AB1

**Tritanomaly**  
8A9FAD

# Monochromacy



**Original Color**  
8B9EB0

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
959BA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B9EB0 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 #8B9EB0 looks like.

```
.text, #text, p{  
    color:#8B9EB0  
}
```

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 #8B9EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B9EB0
}
```

## Border

The CSS property to change the border of an element to Hex 8B9EB0 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
#8B9EB0 }
```

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

```
.border{ border-color:#8B9EB0 }
```

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

Here you see how a box with a 4 pixel #8B9EB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B9EB0; -webkit-box-shadow:4px 4px  
4px 4px #8B9EB0; box-shadow:4px 4px 4px  
4px #8B9EB0 }
```

# Background

The CSS property to change the background color of an element to Hex 8B9EB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B9EB0 }
```

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

```
.background{ background-color:#8B9EB0 }
```

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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