

# Converting Colors

Hex(8EA6B0)

Have a look what the booklet for  
Hex(8EA6B0) contains.

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# **Color**

**Hex(8EA6B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EA6B0
RGB	142, 166, 176
RGB Percent	56%, 65%, 69%
CMY	0.4431, 0.3490, 0.3098
CMYK	0.19, 0.06, 0.00, 0.31
HSL	198°, 18%, 62%
HSV	198°, 19%, 69%
XYZ	32.6280, 36.1578, 46.3338
YIQ	159.9640, -17.5140, -1.9780

# Conversions

## Conversions Part 2

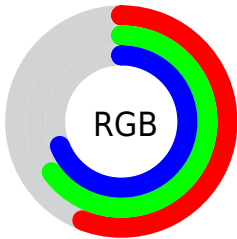
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 156, 176
Decimal	9348784
CIELab	66.64, -6.11, -7.95
CIELCh	67, 10.028, 232.445
Yxy	36.1578, 0.2834, 0.3141
Android (android.graphics.Color)	4287538864 (0xFF8EA6B0)
YUV	159.9640, 7.9057, -15.7544
Hunter-Lab	60.1314, -8.3736, -3.5935

# Details

The Hex color **8EA6B0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B0988E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C4DDE8**, and **5B727C** is the 20% darker color. If you saturate the color by 10%, you get **7CA1B0**, and if you desaturate by 10%, it is **A0ABB0**.

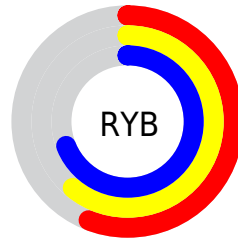
# Distribution



Red (56%)

Green (65%)

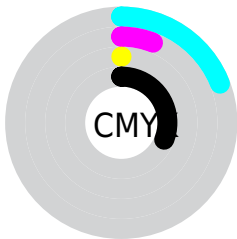
Blue (69%)



Red (56%)

Yellow (61%)

Blue (69%)

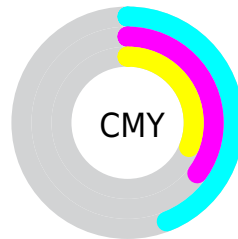


Cyan (19%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (44%)

Magenta (35%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EA6B0 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 8EA6B0 by changing the saturation by 10% instead.





8EA6B0



8EA6B0

FFFFFF



748C95



C4DDE8



5B727C



E0FAFF



435A63

FDFFFF



2C424B



162C34



00181F



000005



000000



8EA6B0



8EA6B0

7CA1B0

A0ABB0

6B9CB0

B1B0B0

5996B0

C3B6B0

4891B0

D4BBB0

368CB0

E6C0B0

2487B0

F8C5B0

1382B0

FFCAB0

017DB0

FFCFB0

007CB0

FFD5B0

# Harmonies

## Analogous

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



8CA7A9



8EA6B0



96A4B4

# Triad

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



8EA6B0



B39CA5



A2A491

# Complementary

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



8EA6B0



B0988E

# 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.



ACA190



8EA6B0



B69C9C

# Square

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



8EA6B0



AC9EAD



B39E94



98A697

# Rectangle

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



8EA6B0



9DA2B4



B39E94



A6A391



# Sweetspot

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



8EA6B0



D8E1E6



8EB098



6B7073



F2F2F2



737373



# Same Dimension

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



8EA6B0



B1D6E6



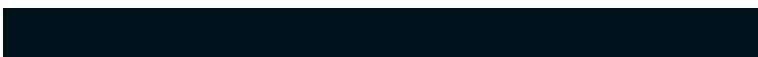
8E95B0



505759



006C99



00121A



# Inverse Universe

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



B08EA6



E6B1D6



B0A98E



595057



99006C



1A0012



# Previews

## White Background



This preview shows how the Hex color 8EA6B0 looks on a white background.

## Color Contrast Check

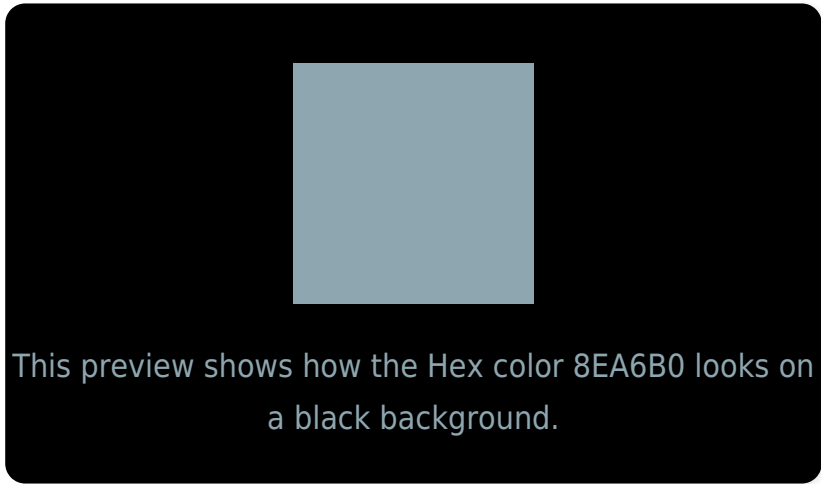
Large Text (above 18pt) WCAG AA × Fail

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

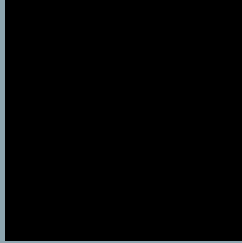
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

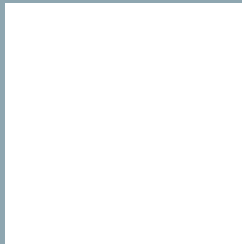
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8EA6B0 Background



This preview shows how black text looks on a background with the Hex color 8EA6B0.

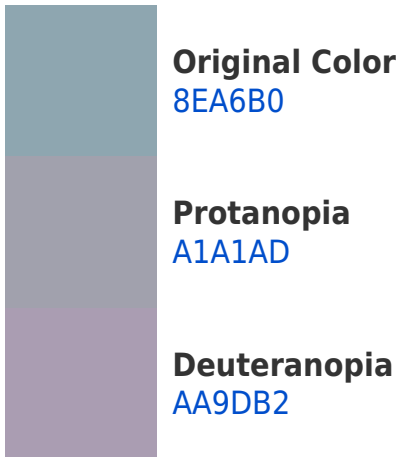


This preview shows how white text looks on a background with the Hex color 8EA6B0.

# 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](#).

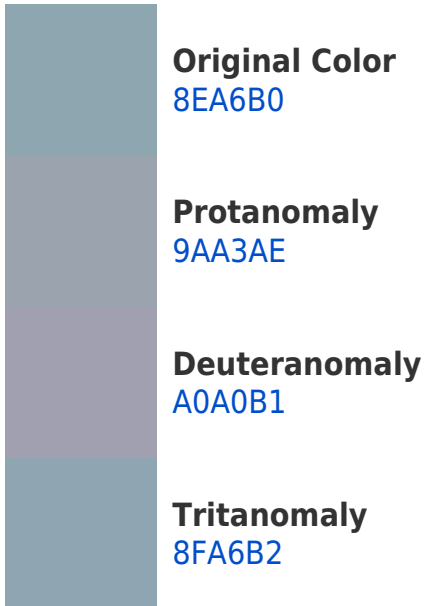
## Dichromacy



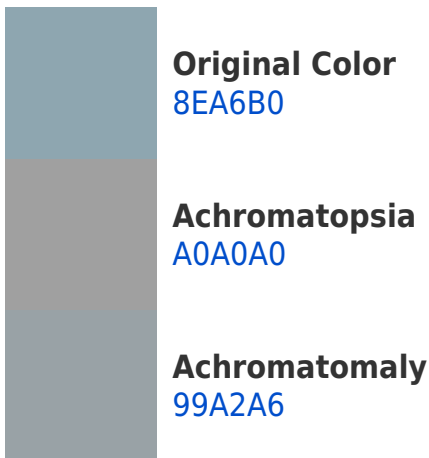


**Tritanopia**  
8FA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EA6B0 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 #8EA6B0 looks like.

```
.text, #text, p{  
    color:#8EA6B0  
}
```

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 #8EA6B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA6B0
}
```

## Border

The CSS property to change the border of an element to Hex 8EA6B0 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
#8EA6B0 }
```

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

```
.border{ border-color:#8EA6B0 }
```

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

Here you see how a box with a 4 pixel #8EA6B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA6B0; -webkit-box-shadow:4px 4px  
4px 4px #8EA6B0; box-shadow:4px 4px 4px  
4px #8EA6B0 }
```

# Background

The CSS property to change the background color of an element to Hex 8EA6B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA6B0 }
```

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

```
.background{ background-color:#8EA6B0 }
```

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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