

# Converting Colors

Hex(8AAABE)

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

<b>Hex(8AAABE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(8AAABE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AAABE
RGB	138, 170, 190
RGB Percent	54%, 67%, 75%
CMY	0.4588, 0.3333, 0.2549
CMYK	0.27, 0.11, 0.00, 0.25
HSL	203°, 29%, 64%
HSV	203°, 27%, 75%
XYZ	34.1502, 37.8704, 54.2250
YIQ	162.7120, -25.4920, -0.5640

# Conversions

## Conversions Part 2

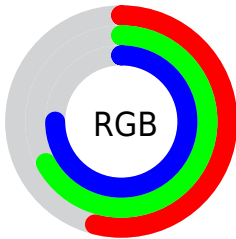
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 158, 190</a>
Decimal	<a href="#">9087678</a>
CIELab	<a href="#">67.93, -6.29, -13.83</a>
CIELCh	<a href="#">68, 15.193, 245.553</a>
Yxy	<a href="#">37.8704, 0.2705, 0.3000</a>
Android (android.graphics.Color)	<a href="#">4287277758 (0xFF8AAABE)</a>
YUV	<a href="#">162.7120, 13.4530, -21.6724</a>
Hunter-Lab	<a href="#">61.5390, -8.6370, -9.1661</a>

# Details

The Hex color **8AAABE** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BE9E8A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C0E1F6**, and **577689** is the 20% darker color. If you saturate the color by 10%, you get **77A3BE**, and if you desaturate by 10%, it is **9DB1BE**.

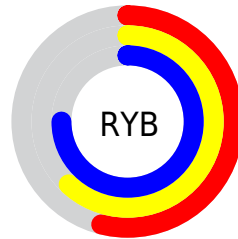
# Distribution



Red (54%)

Green (67%)

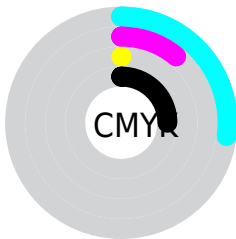
Blue (75%)



Red (54%)

Yellow (62%)

Blue (75%)

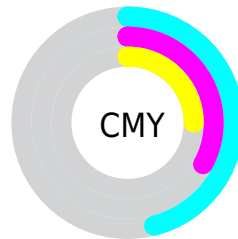


Cyan (27%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (33%)

Yellow (25%)

# Brightness & Saturation Gradients

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





8AAABE



8AAABE

FFFFFF



7090A3



C0E1F6



577689



DDFEFF



3E5D6F



F9FFFF



254657



0B2F3F



001B29



000115



000000



8AAABE



8AAABE

■ 77A3BE

■ 9DB1BE

■ 649BBE

■ B0B9BE

■ 5194BE

■ C3C0BE

■ 3E8DBE

■ D6C7BE

■ 2B85BE

■ E9CFBE

■ 187EBE

■ FCD6BE

■ 0577BE

■ FFDDBE

■ 0075BE

■ FFE4BE

■ FFECBE

# Harmonies

## Analogous

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



82ADB5



8AAABE



9AA6C1

# Triad

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



8AAABE



C29CA3



9EAA8F

# Complementary

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



8AAABE



BE9E8A

# 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.



AEA58A



8AAABE



C29D96

# Square

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



8AAABE



BA9DB1



BBA18D



8FAC9A

# Rectangle

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



8AAABE



A6A3BE



BBA18D



A4A88D

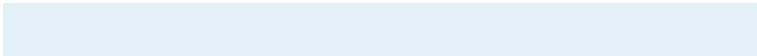


# Sweetspot

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



8AAABE



E4F0F7



8ABE9E



70787D



FCFCFC



7D7D7D



# Same Dimension

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



8AAABE



A6D8F7



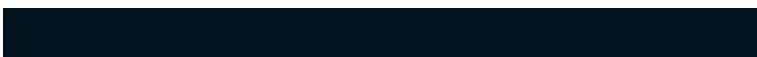
8A90BE



555B5E



00619E



00131F



# Inverse Universe

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



BE8AAA



F7A6D8



BEB88A



5E555B



9E0061

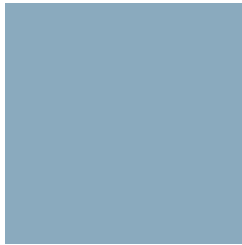


1F0013



# Previews

## White Background



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

## Color Contrast Check

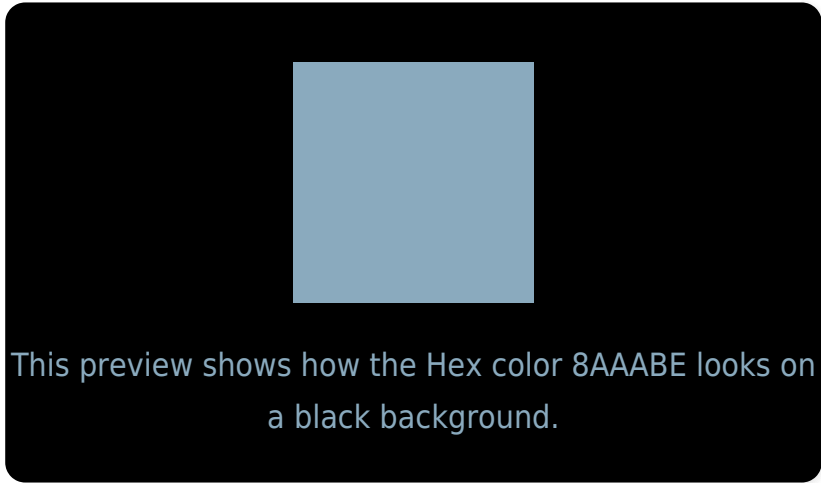
Large Text (above 18pt) WCAG AA × Fail

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

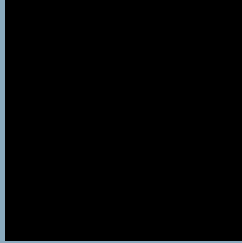
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

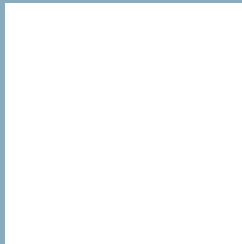
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8AAABE Background



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

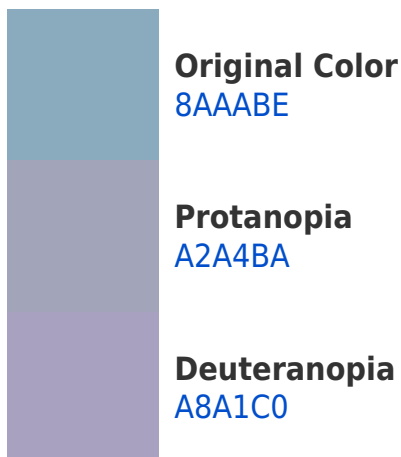


This preview shows how white text looks on a background with the Hex color 8AAABE.

# 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](#).

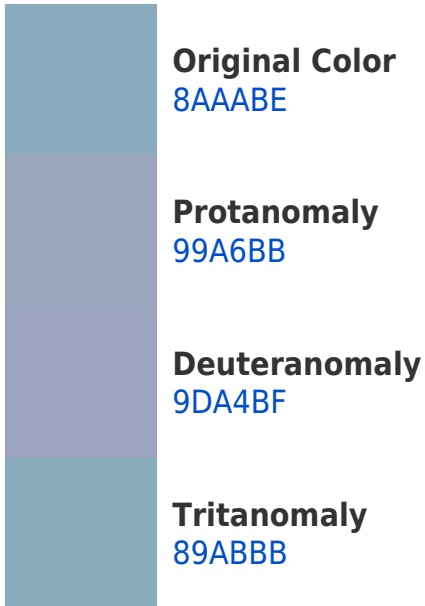
## Dichromacy



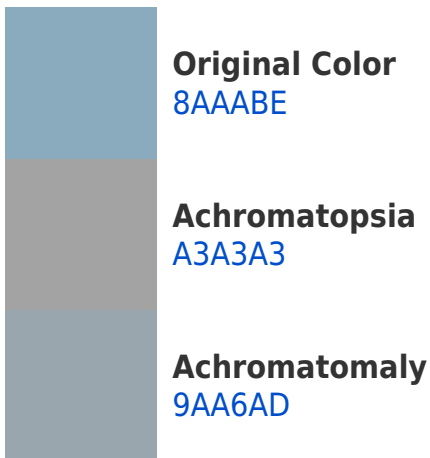


**Tritanopia**  
89ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #8AAABE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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