

# Converting Colors

Hex(8AACA7)

Have a look what the booklet for  
Hex(8AACA7) contains.

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# **Color**

**Hex(8AACA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AACA7
RGB	138, 172, 167
RGB Percent	54%, 67%, 65%
CMY	0.4588, 0.3255, 0.3451
CMYK	0.20, 0.00, 0.03, 0.33
HSL	171°, 17%, 61%
HSV	171°, 20%, 67%
XYZ	32.2088, 37.6983, 42.1381
YIQ	161.2640, -18.6590, -8.7630

# Conversions

## Conversions Part 2

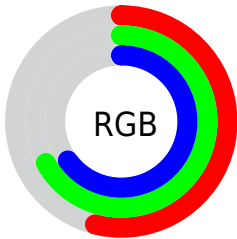
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 156, 172
Decimal	9088167
CIELab	67.80, -12.61, -1.27
CIElCh	68, 12.670, 185.748
Yxy	37.6983, 0.2875, 0.3365
Android (android.graphics.Color)	4287278247 (0xFF8ACA7)
YUV	161.2640, 2.8278, -20.4025
Hunter-Lab	61.3990, -13.8103, 2.2885

# Details

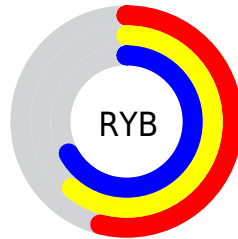
The Hex color **8AACA7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC8A8F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C0E3DE**, and **577873** is the 20% darker color. If you saturate the color by 10%, you get **79ACA4**, and if you desaturate by 10%, it is **9BACAA**.

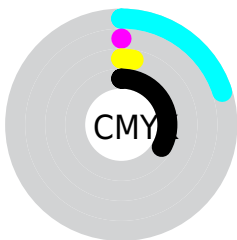
# Distribution



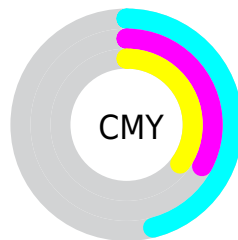
- Red (54%)
- Green (67%)
- Blue (65%)



- Red (54%)
- Yellow (61%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)



- Cyan (46%)
- Magenta (33%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AACA7 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 8AACA7 by changing the saturation by 10% instead.



■ 8AACA7

■ 8AACA7

FFFFFF

■ 70918D

■ C0E3DE

■ 577873

■ DCFFFB

■ 3F5F5B

■ F9FFFF

■ 284743

■ 11312D

■ 001C18

■ 000000

■ 8AACA7

■ 8AACA7

■ 79ACA4

■ 9BACAA

68ACA2

ACACAC

56AC9F

BEACAF

45AC9D

CFACB1

34AC9A

E0ACB4

23AC98

F1ACB6

12AC95

FFACB9

00AC93

FFACBB

FFACBE

# Harmonies

## Analogous

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



93AB9B



8AACA7



88ABB2

# Triad

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



8AACA7



AAA2B8



B7A191

# Complementary

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



8AACA7



AC8A8F

# 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.



BD9E98



8AACA7



B69FAF

# Square

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



8AACA7



9CA5BC



BD9DA3



ACA58F

# Rectangle

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



8AACA7



8CAAB8



BD9DA3



BAA093



# Sweetspot

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



8AACA7



D3E0DE



8FAC8A



68706F



F0F0F0



707070



# Same Dimension

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



8AACA7



ABE0D8



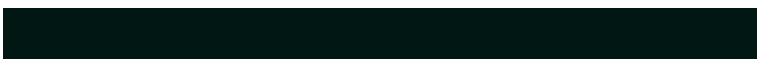
8AA0AC



4E5755



009680



001714



# Inverse Universe

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



AC8A8F



E0ABB2



AC968A



574E4F



960016



170003



# Previews

## White Background



This preview shows how the Hex color 8AACA7 looks on a white background.

## Color Contrast Check

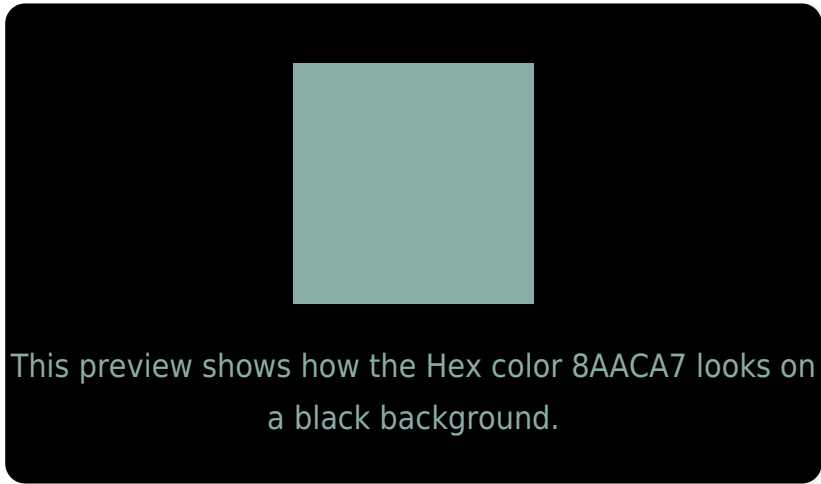
Large Text (above 18pt) WCAG AA × Fail

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

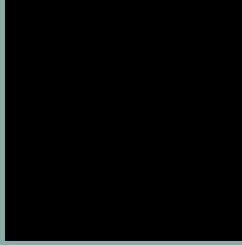
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AACA7 Background



This preview shows how black text looks on a background with the Hex color 8AACA7.

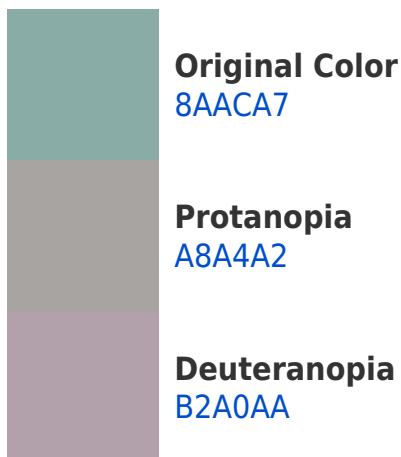


This preview shows how white text looks on a background with the Hex color 8AACA7.

# 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](#).

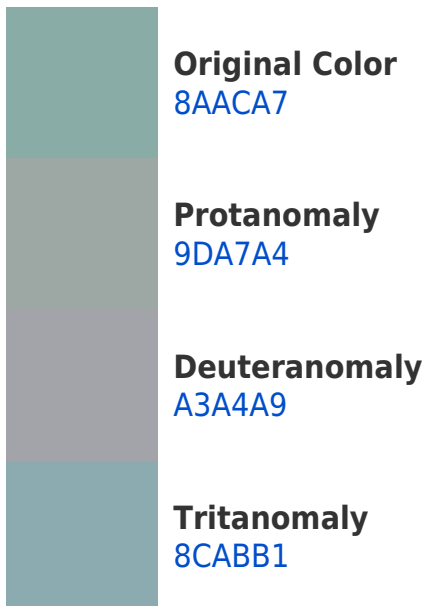
## Dichromacy



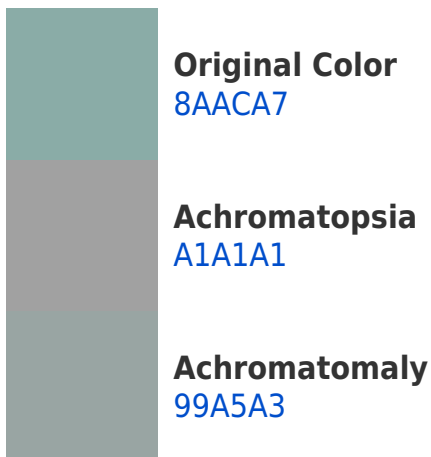


**Tritanopia**  
8DAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AACA7 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 #8AACA7 looks like.

```
.text, #text, p{  
    color:#8AACA7  
}
```

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 #8AACA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AACA7
}
```

## Border

The CSS property to change the border of an element to Hex 8AACA7 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
#8AACA7 }
```

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

```
.border{ border-color:#8AACA7 }
```

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

Here you see how a box with a 4 pixel #8AACA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AACA7; -webkit-box-shadow:4px 4px  
4px 4px #8AACA7; box-shadow:4px 4px 4px  
4px #8AACA7 }
```

# Background

The CSS property to change the background color of an element to Hex 8AACA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AACA7 }
```

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

```
.background{ background-color:#8AACA7 }
```

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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