

# Converting Colors

Hex(68A3AB)

Have a look what the booklet for  
Hex(68A3AB) contains.

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# **Color**

**Hex(68A3AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68A3AB
RGB	104, 163, 171
RGB Percent	41%, 64%, 67%
CMY	0.5922, 0.3608, 0.3294
CMYK	0.39, 0.05, 0.00, 0.33
HSL	187°, 29%, 54%
HSV	187°, 39%, 67%
XYZ	26.1568, 32.0777, 43.3411
YIQ	146.2710, -37.7320, -10.0200

# Conversions

## Conversions Part 2

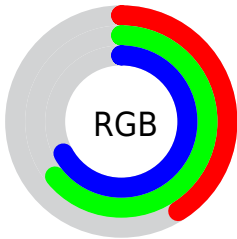
Format	Color
<a href="#">RYB</a>	<a href="#">104, 135, 171</a>
Decimal	<a href="#">6857643</a>
CIELab	<a href="#">63.41, -17.05, -10.21</a>
CIElCh	<a href="#">63, 19.871, 210.928</a>
Yxy	<a href="#">32.0777, 0.2575, 0.3158</a>
Android (android.graphics.Color)	<a href="#">4285047723 (0xFF68A3AB)</a>
YUV	<a href="#">146.2710, 12.1914, -37.0717</a>
Hunter-Lab	<a href="#">56.6372, -16.6783, -5.7251</a>

# Details

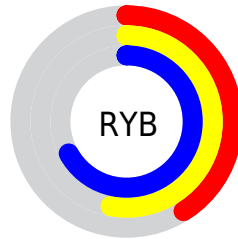
The Hex color **68A3AB** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AB7068**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9EDAE2**, and **336F77** is the 20% darker color. If you saturate the color by 10%, you get **57A1AB**, and if you desaturate by 10%, it is **79A5AB**.

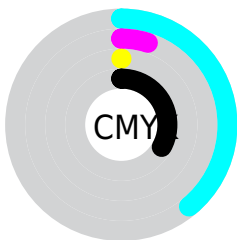
# Distribution



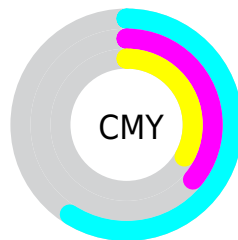
- Red (41%)
- Green (64%)
- Blue (67%)



- Red (41%)
- Yellow (53%)
- Blue (67%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (59%)
- Magenta (36%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68A3AB 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 68A3AB by changing the saturation by 10% instead.



68A3AB

68A3AB

FFFFFF

4E8990

9EDAE2

336F77

BAF7FF

15575E

D6FFFF

003F47

F3FFFF

002930

00151B

000000

68A3AB

68A3AB

57A1AB

79A5AB

469FAB

8AA7AB

359DAB

9BA9AB

249BAB

ACABAB

1299AB

BDADAB

0197AB

CFAFAB

0097AB

E0B1AB

F1B3AB

FFB5AB

# Harmonies

## Analogous

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



6EA499



68A3AB



71A0B8

# Triad

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



68A3AB



B190AB



A69876

# Complementary

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



68A3AB



AB7068

# 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.



B6937B



68A3AB



BC8D9A

# Square

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



68A3AB



9D95B8



BE8E88



939E7B

# Rectangle

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



68A3AB



7E9DBC



BE8E88



AC9777



# Sweetspot

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



68A3AB



C3DBDE



68AB70



606E70



F0F0F0



707070



# Same Dimension

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



68A3AB



76D1DE



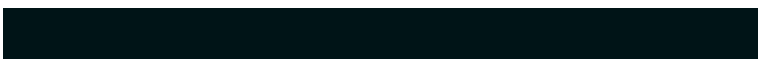
6882AB



4E5657



008496



001417



# Inverse Universe

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



AB68A3



DE76D1



AB9168



574E56



960084

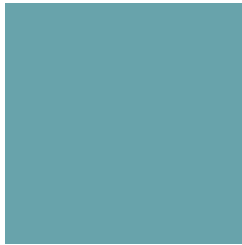


170014



# Previews

## White Background



This preview shows how the Hex color 68A3AB looks on a white background.

## Color Contrast Check

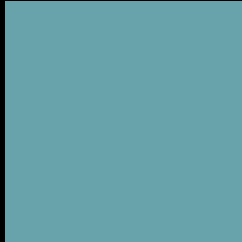
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 68A3AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

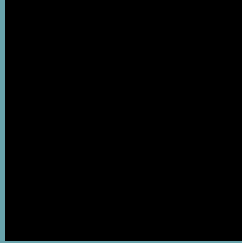
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68A3AB Background



This preview shows how black text looks on a background with the Hex color 68A3AB.

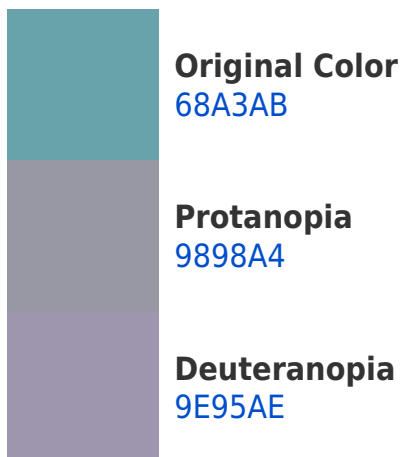


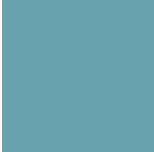
This preview shows how white text looks on a background with the Hex color 68A3AB.

# 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](#).

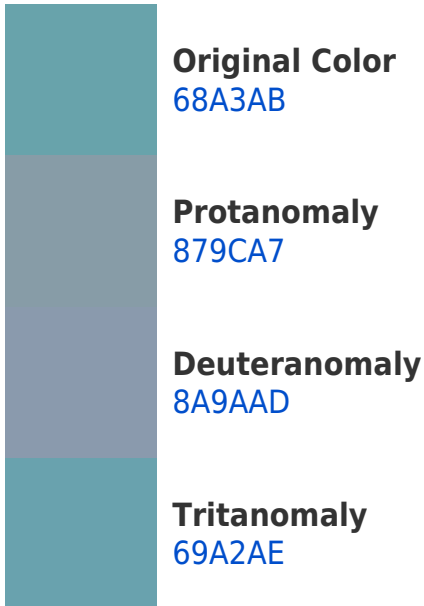
## Dichromacy



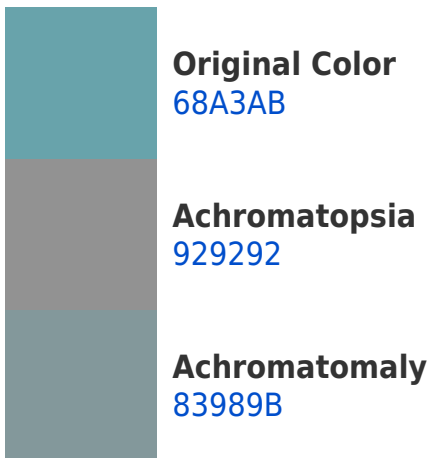


**Tritanopia**  
69A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68A3AB 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 #68A3AB looks like.

```
.text, #text, p{  
    color:#68A3AB  
}
```

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 #68A3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A3AB  
}
```

## Border

The CSS property to change the border of an element to Hex 68A3AB 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  
#68A3AB }
```

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

```
.border{ border-color:#68A3AB }
```

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

Here you see how a box with a 4 pixel #68A3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A3AB; -webkit-box-shadow:4px 4px  
4px 4px #68A3AB; box-shadow:4px 4px 4px  
4px #68A3AB }
```

# Background

The CSS property to change the background color of an element to Hex 68A3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A3AB }
```

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

```
.background{ background-color:#68A3AB }
```

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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