

# Converting Colors

Hex(5FA0AB)

Have a look what the booklet for  
Hex(5FA0AB) contains.

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# **Color**

**Hex(5FA0AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FA0AB
RGB	95, 160, 171
RGB Percent	37%, 63%, 67%
CMY	0.6275, 0.3725, 0.3294
CMYK	0.44, 0.06, 0.00, 0.33
HSL	189°, 31%, 52%
HSV	189°, 44%, 67%
XYZ	24.6408, 30.5148, 43.1193
YIQ	141.8190, -42.2710, -10.3590

# Conversions

## Conversions Part 2

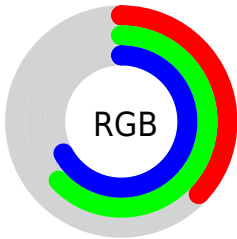
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 130, 171
Decimal	6267051
CIELab	62.10, -17.80, -12.22
CIElCh	62, 21.594, 214.471
Yxy	30.5148, 0.2507, 0.3105
Android (android.graphics.Color)	4284457131 (0xFF5FA0AB)
YUV	141.8190, 14.3862, -41.0603
Hunter-Lab	55.2402, -17.0474, -7.6124

# Details

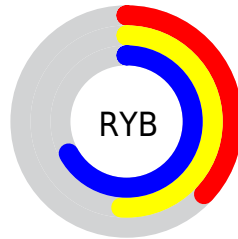
The Hex color **5FA0AB** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AB6A5F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **96D7E2**, and **276C77** is the 20% darker color. If you saturate the color by 10%, you get **4E9EAB**, and if you desaturate by 10%, it is **70A2AB**.

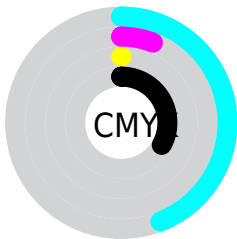
# Distribution



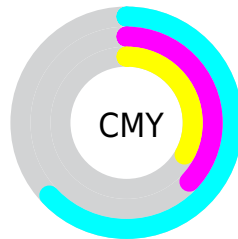
- Red (37%)
- Green (63%)
- Blue (67%)



- Red (37%)
- Yellow (51%)
- Blue (67%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (37%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FA0AB 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 5FA0AB by changing the saturation by 10% instead.



■ 5FA0AB

■ 5FA0AB

FFFFFF

■ 448690

■ 96D7E2

■ 276C77

■ B1F3FF

■ 00545E

■ CEFFFF

■ 003D46

■ EBFFFF

■ 002630

■ 000F1C

■ 000000

■ 5FA0AB

■ 5FA0AB

■ 4E9EAB

■ 70A2AB

3D9BAB

81A5AB

2C99AB

92A7AB

1B96AB

A3AAAB

0A94AB

B4ACAB

0092AB

C6AFAB

D7B1AB

E8B4AB

F9B6AB

# Harmonies

## Analogous

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



65A198



5FA0AB



6B9CB8

# Triad

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



5FA0AB



B18BA7



A19670

# Complementary

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



5FA0AB



AB6A5F

# 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.



B28F74



5FA0AB



BC8894

# Square

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



5FA0AB



9D90B6



BC8A81



8C9B76

# Rectangle

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



5FA0AB



7A99BC



BC8A81



A89470



# Sweetspot

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



5FA0AB



C1DADE



5FAB69



5E6E70



F0F0F0



707070



# Same Dimension

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



5FA0AB



68CDDE



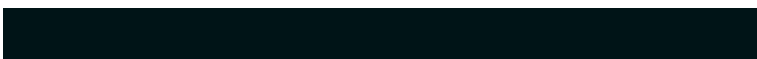
5F7BAB



4E5557



008196



001417



# Inverse Universe

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



AB5FA0



DE68CD



AB8F5F



574E55



960081

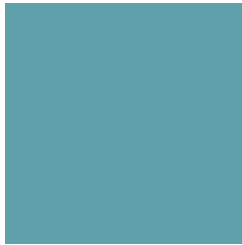


170014



# Previews

## White Background



This preview shows how the Hex color 5FA0AB looks on a white background.

## Color Contrast Check

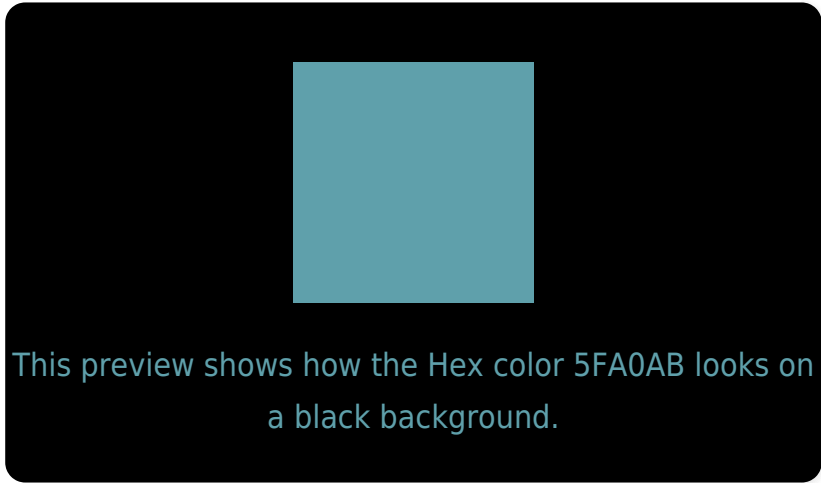
Large Text (above 18pt) WCAG AA × Fail

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

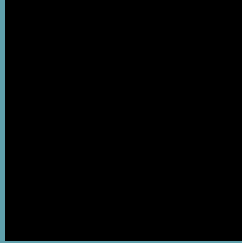
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FA0AB Background



This preview shows how black text looks on a background with the Hex color 5FA0AB.

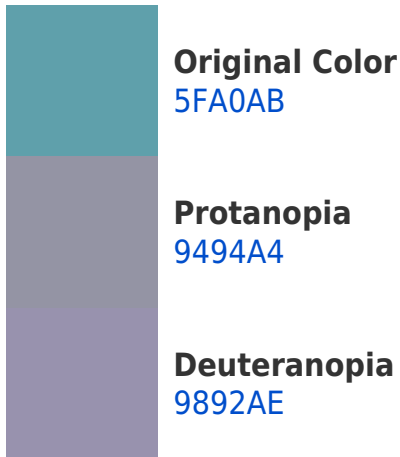


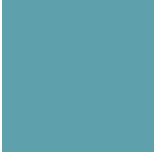
This preview shows how white text looks on a background with the Hex color 5FA0AB.

# 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](#).

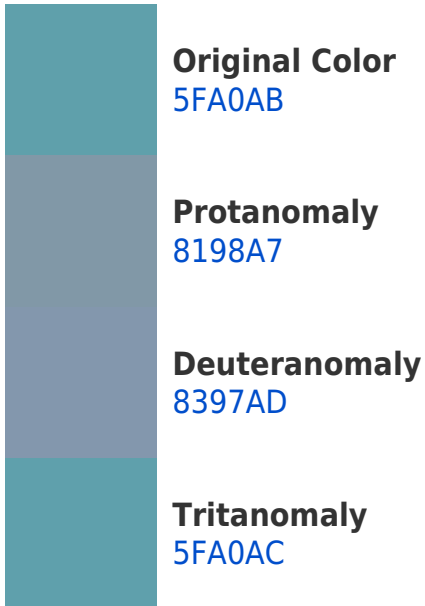
## Dichromacy



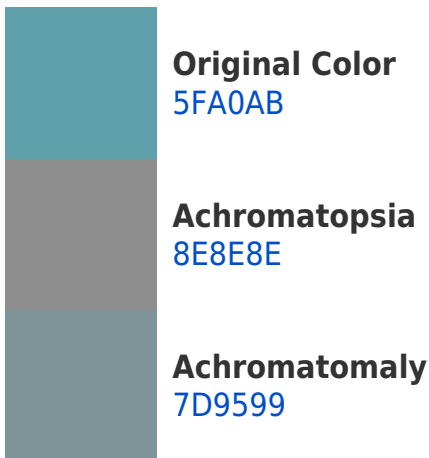


**Tritanopia**  
5FA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FA0AB 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 #5FA0AB looks like.

```
.text, #text, p{  
    color:#5FA0AB  
}
```

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 #5FA0AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA0AB
}
```

## Border

The CSS property to change the border of an element to Hex 5FA0AB 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
#5FA0AB }
```

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

```
.border{ border-color:#5FA0AB }
```

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

Here you see how a box with a 4 pixel #5FA0AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA0AB; -webkit-box-shadow:4px 4px  
4px 4px #5FA0AB; box-shadow:4px 4px 4px  
4px #5FA0AB }
```

# Background

The CSS property to change the background color of an element to Hex 5FA0AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA0AB }
```

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

```
.background{ background-color:#5FA0AB }
```

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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