

# Converting Colors

Hex(5AB5A0)

Have a look what the booklet for  
Hex(5AB5A0) contains.

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**Color**

**Hex(5AB5A0)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5AB5A0                       |
| RGB         | 90, 181, 160                 |
| RGB Percent | 35%, 71%, 63%                |
| CMY         | 0.6471, 0.2902, 0.3725       |
| CMYK        | 0.50, 0.00, 0.12, 0.29       |
| HSL         | 166°, 38%, 53%               |
| HSV         | 166°, 50%, 71%               |
| XYZ         | 27.0855, 37.7595, 39.1185    |
| YIQ         | 151.3970, -47.4950, -25.8230 |

# Conversions

## Conversions Part 2

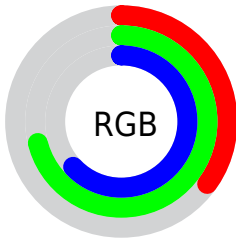
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">90, 141, 181</a>                                 |
| Decimal                             | <a href="#">5944736</a>                                      |
| CIELab                              | <a href="#">67.84, -32.36, 2.38</a>                          |
| CIELCh                              | <a href="#">68, 32.449, 175.799</a>                          |
| Yxy                                 | <a href="#">37.7595, 0.2605, 0.3632</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4284134816</a><br>( <a href="#">0xFF5AB5A0</a> ) |
| YUV                                 | <a href="#">151.3970, 4.2413, -53.8452</a>                   |
| Hunter-Lab                          | <a href="#">61.4487, -28.8557, 5.2699</a>                    |

# Details

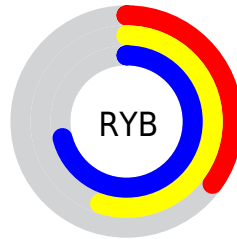
The Hex color **5AB5A0** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B55A6F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **92EDD7**, and **1C806D** is the 20% darker color. If you saturate the color by 10%, you get **48B59C**, and if you desaturate by 10%, it is **6CB5A4**.

# Distribution



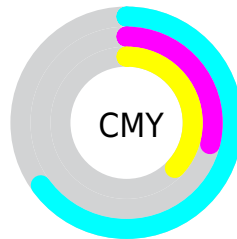
- Red (35%)
- Green (71%)
- Blue (63%)



- Red (35%)
- Yellow (55%)
- Blue (71%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (65%)
- Magenta (29%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AB5A0 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 5AB5A0 by changing the saturation by 10% instead.



 5AB5A0

 5AB5A0

FFFFFF

 3D9A86

 92EDD7

 1C806D

 AEFFF3

 006654

 CBFFFF

 004D3D

 E8FFFF

 003628

 002213

 000000

 5AB5A0

 5AB5A0

 48B59C

 6CB5A4

 36B598

 7EB5A8

 24B593

 90B5AD

 12B58F

 A2B5B1

 00B58B

 B5B5B5

 C7B5B9

 D9B5BD

 EBB5C1

 FDB5C6

# Harmonies

## Analogous

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



7DB283



5AB5A0



40B5BE

# Triad

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



5AB5A0



A39FDA



D49876

# Complementary

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



5AB5A0



B55A6F

# 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.



DF918D



5AB5A0



C795C7

# Square

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



5AB5A0



77A9DF



DB8FAB



BDA26B

# Rectangle

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



5AB5A0



43B3CE



DB8FAB



D9957D



# Sweetspot

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



5AB5A0



C7EBE2



6FB55A



607570



F5F5F5



757575



# Same Dimension

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



5AB5A0



5EEBCA



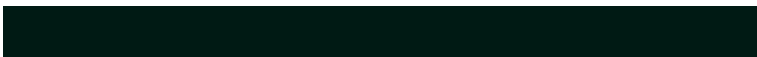
5A9DB5



505957



009976



001A14



# Inverse Universe

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



B55A6F



EB5E7E



B5725A



595052



990023

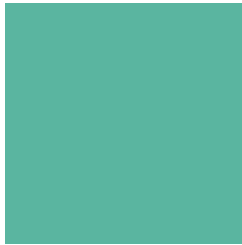


1A0006



# Previews

## White Background



This preview shows how the Hex color 5AB5A0 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 5AB5A0 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 5AB5A0 Background



This preview shows how black text looks on a background with the Hex color 5AB5A0.

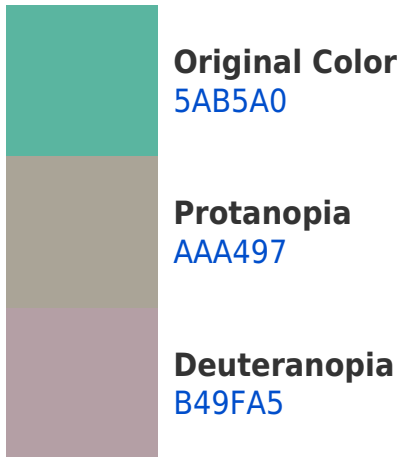


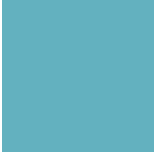
This preview shows how white text looks on a background with the Hex color 5AB5A0.

# 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](#).

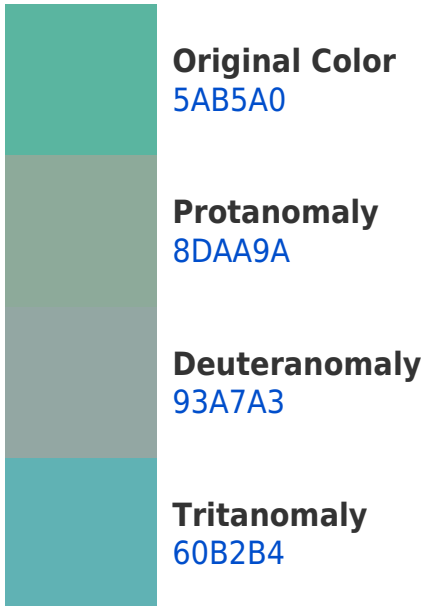
## Dichromacy



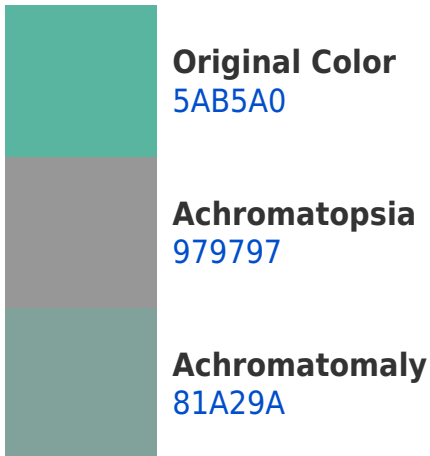


**Tritanopia**  
63B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AB5A0 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 #5AB5A0 looks like.

```
.text, #text, p{  
    color:#5AB5A0  
}
```

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 #5AB5A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB5A0
}
```

## Border

The CSS property to change the border of an element to Hex 5AB5A0 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
#5AB5A0 }
```

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

```
.border{ border-color:#5AB5A0 }
```

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

Here you see how a box with a 4 pixel #5AB5A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB5A0; -webkit-box-shadow:4px 4px  
4px 4px #5AB5A0; box-shadow:4px 4px 4px  
4px #5AB5A0 }
```

# Background

The CSS property to change the background color of an element to Hex 5AB5A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB5A0 }
```

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

```
.background{ background-color:#5AB5A0 }
```

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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