

Converting Colors

Hex(5ABAB4)

Have a look what the booklet for
Hex(5ABAB4) contains.

Hex(5ABAB4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5ABAB4)

Conversions

Conversions Part 1

Format	Color
Hex	5ABAB4
RGB	90, 186, 180
RGB Percent	35%, 73%, 71%
CMY	0.6471, 0.2706, 0.2941
CMYK	0.52, 0.00, 0.03, 0.27
HSL	176°, 41%, 54%
HSV	176°, 52%, 73%
XYZ	30.0136, 40.5868, 49.4322
YIQ	156.6120, -55.2900, -22.2180

Conversions

Conversions Part 2

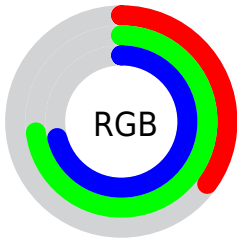
Format	Color
RYB	90, 140, 186
Decimal	5946036
CIELab	69.89, -29.71, -5.64
CIElCh	70, 30.242, 190.740
Yxy	40.5868, 0.2500, 0.3381
Android (android.graphics.Color)	4284136116 (0xFF5ABAB4)
YUV	156.6120, 11.5303, -58.4187
Hunter-Lab	63.7077, -27.3948, -1.4089

Details

The Hex color **5ABAB4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA5A60**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **93F2EC**, and **17847F** is the 20% darker color. If you saturate the color by 10%, you get **47BAB3**, and if you desaturate by 10%, it is **6DBAB5**.

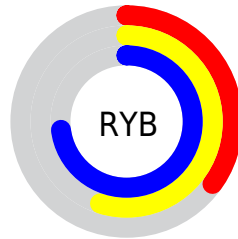
Distribution



Red (35%)

Green (73%)

Blue (71%)



Red (35%)

Yellow (55%)

Blue (73%)

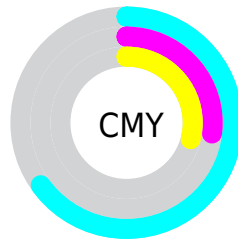


Cyan (52%)

Magenta (0%)

Yellow (3%)

Black (27%)



Cyan (65%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ABAB4 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 5ABAB4 by changing the saturation by 10% instead.

 5ABAB4

 5ABAB4

FFFFFF

 3C9F99

 93F2EC

 17847F

 B0FFFF

 006B66

 CDFFFF

 00524E

 EBFFFF

 003A38

 002522

 00010D

 000000

 5ABAB4

 5ABAB4

■ 47BAB3

■ 6DBAB5

■ 35BAB2

■ 7FBAB6

■ 22BAB1

■ 92BAB7

■ 10BAAF

■ A4BAB9

■ 00BAAE

■ B7BABA

■ CABABB

■ DCBABC

■ EFBABD

■ FFBABE

Harmonies

Analogous

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



76B998



5ABAB4



53B8CE

Triad

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



5ABAB4



BBA0D4



CEA378

Complementary

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



5ABAB4



BA5A60

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.



DE9B88



5ABAB4



D699BE

Square

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



5ABAB4



96AAE0



E196A2



B4AC75

Rectangle

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



5ABAB4



62B5DA



E196A2



D4A07C

Sweetspot

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



5ABAB4



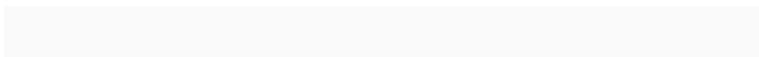
CEF2F0



60BA5A



647A79



FAFAFA



7A7A7A

Same Dimension

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



5ABAB4



5CF2E9



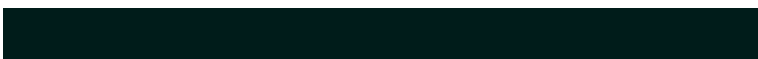
5A90BA



535C5B



009C92



001C1A

Inverse Universe

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



BA5A60



F25C65



BA845A



5C5353



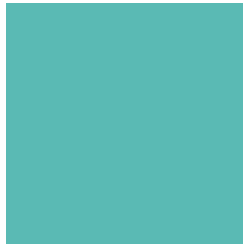
9C000A



1C0002

Previews

White Background



This preview shows how the Hex color 5ABAB4 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 5ABAB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

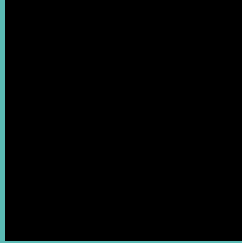
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

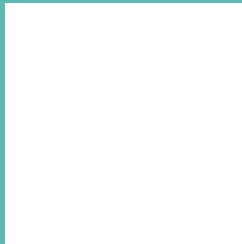
Any Text WCAG AAA ✓ Pass

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

Hex 5ABAB4 Background



This preview shows how black text looks on a background with the Hex color 5ABAB4.

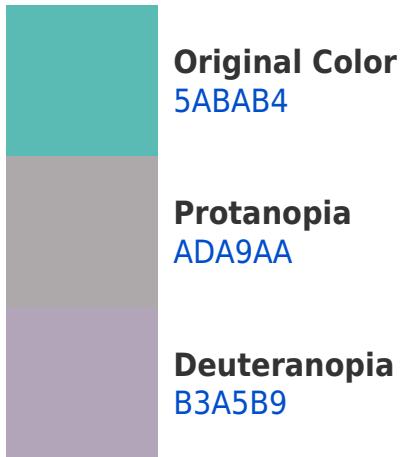


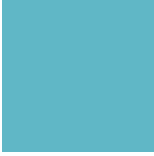
This preview shows how white text looks on a background with the Hex color 5ABAB4.

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](#).

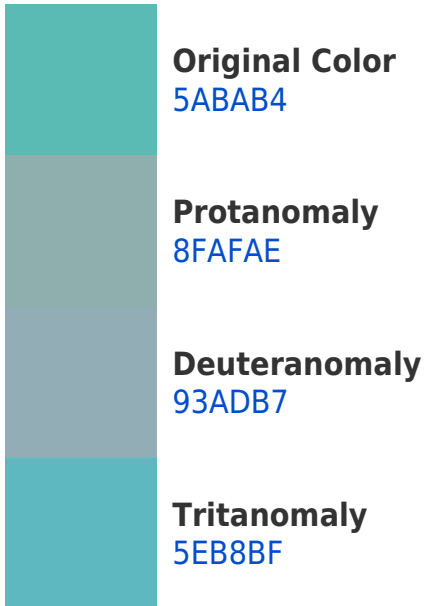
Dichromacy



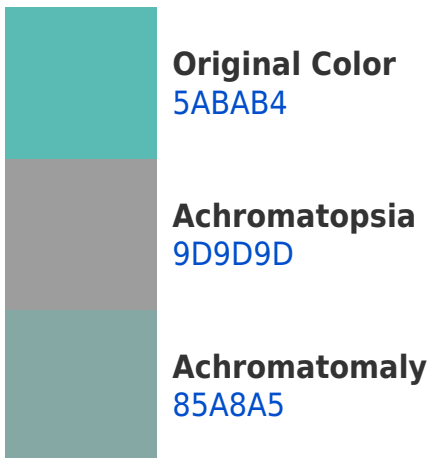


Tritanopia
60B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5ABAB4 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 #5ABAB4 looks like.

```
.text, #text, p{  
    color:#5ABAB4  
}
```

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 #5ABAB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ABAB4
}
```

Border

The CSS property to change the border of an element to Hex 5ABAB4 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
#5ABAB4 }
```

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

```
.border{ border-color:#5ABAB4 }
```

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

Here you see how a box with a 4 pixel #5ABAB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ABAB4; -webkit-box-shadow:4px 4px  
4px 4px #5ABAB4; box-shadow:4px 4px 4px  
4px #5ABAB4 }
```

Background

The CSS property to change the background color of an element to Hex 5ABAB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ABAB4 }
```

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

```
.background{ background-color:#5ABAB4 }
```

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