

Converting Colors

Hex(5ABA97)

Have a look what the booklet for
Hex(5ABA97) contains.

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Color

Hex(5ABA97)

Conversions

Conversions Part 1

Format	Color
Hex	5ABA97
RGB	90, 186, 151
RGB Percent	35%, 73%, 59%
CMY	0.6471, 0.2706, 0.4078
CMYK	0.52, 0.00, 0.19, 0.27
HSL	158°, 41%, 54%
HSV	158°, 52%, 73%
XYZ	27.3613, 39.5258, 35.4653
YIQ	153.3060, -45.9810, -31.2370

Conversions

Conversions Part 2

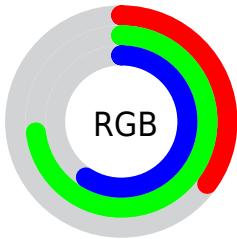
Format	Color
RYB	90, 149, 186
Decimal	5946007
CIELab	69.13, -36.80, 9.17
CIElCh	69, 37.923, 166.009
Yxy	39.5258, 0.2673, 0.3862
Android (android.graphics.Color)	4284136087 (0xFF5ABA97)
YUV	153.3060, -1.1369, -55.5194
Hunter-Lab	62.8696, -32.3373, 10.5627

Details

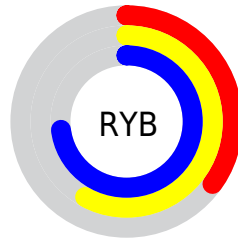
The Hex color **5ABA97** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA5A7D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **92F3CD**, and **1B8464** is the 20% darker color. If you saturate the color by 10%, you get **47BA90**, and if you desaturate by 10%, it is **6DBA9E**.

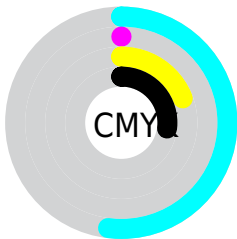
Distribution



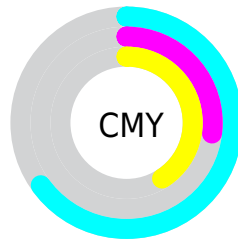
- Red (35%)
- Green (73%)
- Blue (59%)



- Red (35%)
- Yellow (58%)
- Blue (73%)



- Cyan (52%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)



- Cyan (65%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ABA97 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 5ABA97 by changing the saturation by 10% instead.

 5ABA97

 5ABA97

FFFFFF

 3D9F7D

 92F3CD

 1B8464

 AFFFE9

 006A4C

 CBFFFF

 005235

 E9FFFF

 003A20

 002509

 000000

 5ABA97

 5ABA97

 47BA90

 6DBA9E

 35BA89

 7FBAA5

 22BA83

 92BAAB

 10BA7C

 A4BAB2

 00BA76

 B7BAB9

 CABAC0

 DCBAC6

 EFBACD

 FFBAD4

Harmonies

Analogous

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



86B578



5ABA97



24BBBA

Triad

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



5ABA97



95A6EB



E49679

Complementary

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



5ABA97



BA5A7D

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.



EC8E97



5ABA97



C499D9

Square

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



5ABA97



59B1EB



E190BA



CDA166

Rectangle

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



5ABA97



04BAD0



E190BA



E89282

Sweetspot

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



5ABA97



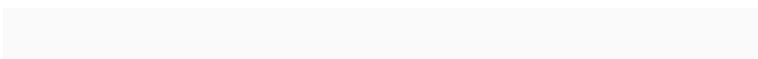
CEF2E5



7DBA5A



647A72



FAFAFA



7A7A7A

Same Dimension

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



5ABA97



5CF2BB



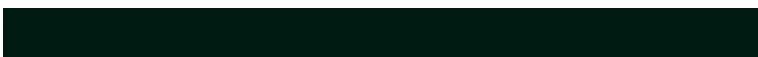
5AADBA



535C58



009C63



001C12

Inverse Universe

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



BA5A7D



F25C93



BA675A



5C5356



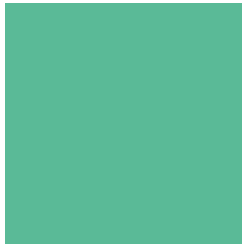
9C0039



1C000A

Previews

White Background



This preview shows how the Hex color 5ABA97 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 5ABA97 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

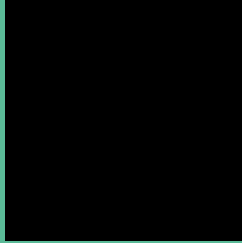
Any Text WCAG AA ✓ Pass

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 5ABA97 Background



This preview shows how black text looks on a background with the Hex color 5ABA97.

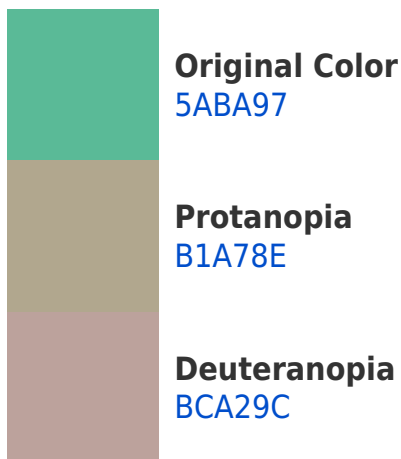


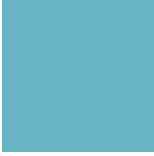
This preview shows how white text looks on a background with the Hex color 5ABA97.

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](#).

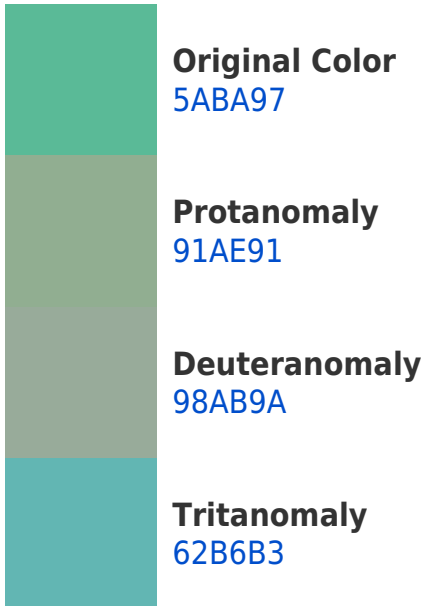
Dichromacy



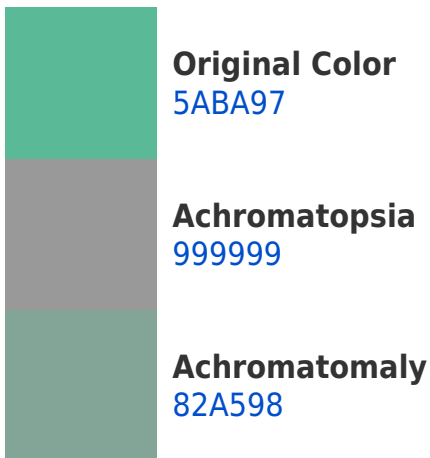


Tritanopia
67B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5ABA97 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 #5ABA97 looks like.

```
.text, #text, p{  
    color:#5ABA97  
}
```

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 #5ABA97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ABA97
}
```

Border

The CSS property to change the border of an element to Hex 5ABA97 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
#5ABA97 }
```

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

```
.border{ border-color:#5ABA97 }
```

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

Here you see how a box with a 4 pixel #5ABA97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ABA97; -webkit-box-shadow:4px 4px  
4px 4px #5ABA97; box-shadow:4px 4px 4px  
4px #5ABA97 }
```

Background

The CSS property to change the background color of an element to Hex 5ABA97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ABA97 }
```

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

```
.background{ background-color:#5ABA97 }
```

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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