

Converting Colors

Hex(5AB28B)

Have a look what the booklet for
Hex(5AB28B) contains.

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Color

Hex(5AB28B)

Conversions

Conversions Part 1

Format	Color
Hex	5AB28B
RGB	90, 178, 139
RGB Percent	35%, 70%, 55%
CMY	0.6471, 0.3020, 0.4549
CMYK	0.49, 0.00, 0.22, 0.30
HSL	153°, 36%, 53%
HSV	153°, 49%, 70%
XYZ	24.7970, 35.8785, 30.0444
YIQ	147.2420, -39.9290, -30.7850

Conversions

Conversions Part 2

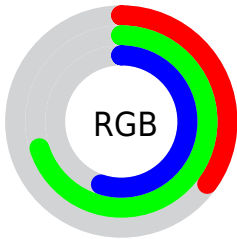
Format	Color
RYB	90, 147, 178
Decimal	5943947
CIELab	66.43, -35.80, 11.91
CIElCh	66, 37.728, 161.599
Yxy	35.8785, 0.2733, 0.3955
Android (android.graphics.Color)	4284134027 (0xFF5AB28B)
YUV	147.2420, -4.0633, -50.2012
Hunter-Lab	59.8987, -30.9267, 12.1900

Details

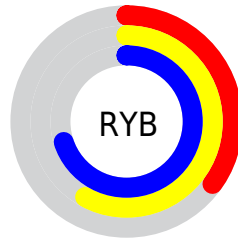
The Hex color **5AB28B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B25A81**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **91EAC1**, and **1F7D59** is the 20% darker color. If you saturate the color by 10%, you get **48B283**, and if you desaturate by 10%, it is **6CB293**.

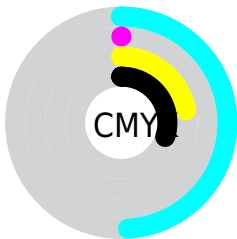
Distribution



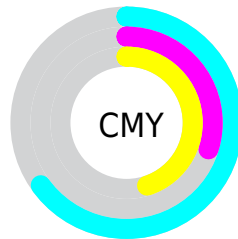
- Red (35%)
- Green (70%)
- Blue (55%)



- Red (35%)
- Yellow (58%)
- Blue (70%)



- Cyan (49%)
- Magenta (0%)
- Yellow (22%)
- Black (30%)



- Cyan (65%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AB28B 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 5AB28B by changing the saturation by 10% instead.



5AB28B



5AB28B

FFFFFF



3E9771



91EAC1



1F7D59



ADFFDC



006341



CAFFF9



004B2B



E7FFFF



003316



001F00



000000



5AB28B



5AB28B



48B283



6CB293

 36B27B

 7EB29B

 25B273

 8FB2A3

 13B26B

 A1B2AB

 01B264

 B3B2B2

 00B263

 C5B2BA

 D7B2C2

 E8B2CA

 FAB2D2

Harmonies

Analogous

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



85AD6E



5AB28B



22B4AE

Triad

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



5AB28B



85A0E4



DE8D76

Complementary

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



5AB28B



B25A81

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.



E38795



5AB28B



B694D4

Square

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



5AB28B



48ABE1



D68AB8



C99861

Rectangle

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



5AB28B



00B3C4



D68AB8



E28A80

Sweetspot

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



5AB28B



C5E8D9



82B25A



60756C



F5F5F5



757575

Same Dimension

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



5AB28B



5FE8AB



5AAEB2



505955



009955



001A0E

Inverse Universe

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



B25A81



E85F9C



B25E5A



595054



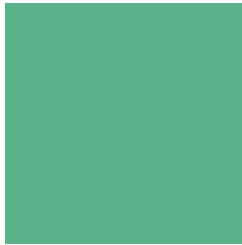
990044



1A000B

Previews

White Background



This preview shows how the Hex color 5AB28B looks on a white background.

Color Contrast Check

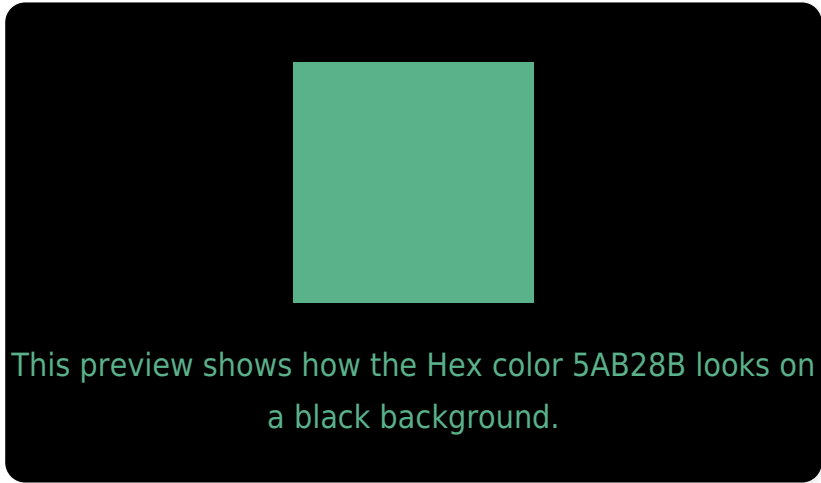
Large Text (above 18pt) WCAG AA × Fail

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

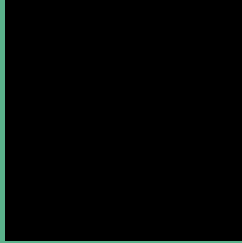
Any Text WCAG AA ✓ Pass

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 5AB28B Background



This preview shows how black text looks on a background with the Hex color 5AB28B.

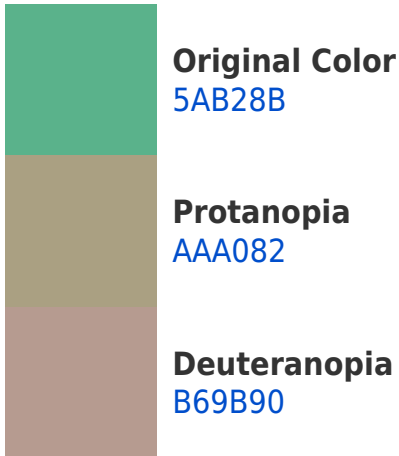


This preview shows how white text looks on a background with the Hex color 5AB28B.

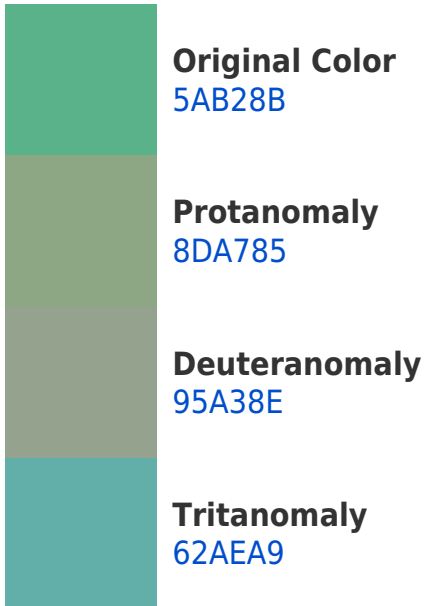
Color Blindness Simulation

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](#).

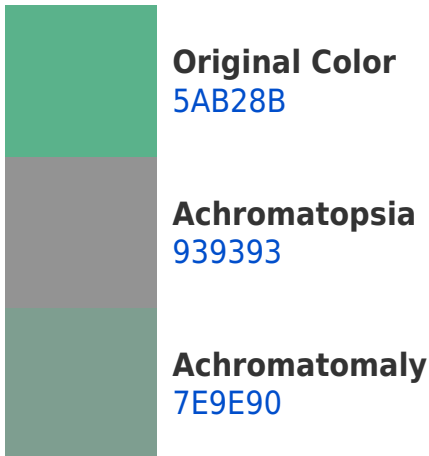
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AB28B 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 #5AB28B looks like.

```
.text, #text, p{  
    color:#5AB28B  
}
```

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 #5AB28B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB28B
}
```

Border

The CSS property to change the border of an element to Hex 5AB28B 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
#5AB28B }
```

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

```
.border{ border-color:#5AB28B }
```

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

Here you see how a box with a 4 pixel #5AB28B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB28B; -webkit-box-shadow:4px 4px  
4px 4px #5AB28B; box-shadow:4px 4px 4px  
4px #5AB28B }
```

Background

The CSS property to change the background color of an element to Hex 5AB28B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB28B }
```

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

```
.background{ background-color:#5AB28B }
```

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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