

# Converting Colors

Hex(5AB287)

Have a look what the booklet for  
Hex(5AB287) contains.

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**Color**

**Hex(5AB287)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AB287
RGB	90, 178, 135
RGB Percent	35%, 70%, 53%
CMY	0.6471, 0.3020, 0.4706
CMYK	0.49, 0.00, 0.24, 0.30
HSL	151°, 36%, 53%
HSV	151°, 49%, 70%
XYZ	24.5100, 35.7637, 28.5329
YIQ	146.7860, -38.6450, -32.0290

# Conversions

## Conversions Part 2

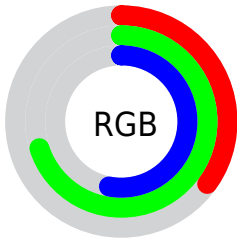
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 148, 178
Decimal	5943943
CIELab	66.34, -36.66, 13.98
CIElCh	66, 39.232, 159.126
Yxy	35.7637, 0.2760, 0.4027
Android (android.graphics.Color)	4284134023 (0xFF5AB287)
YUV	146.7860, -5.8105, -49.8013
Hunter-Lab	59.8028, -31.4971, 13.5737

# Details

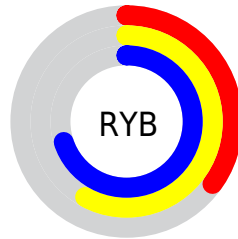
The Hex color **5AB287** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B25A85**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **91EABC**, and **1F7D55** is the 20% darker color. If you saturate the color by 10%, you get **48B27E**, and if you desaturate by 10%, it is **6CB290**.

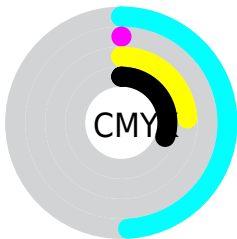
# Distribution



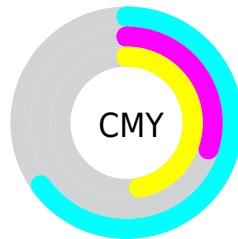
- Red (35%)
- Green (70%)
- Blue (53%)



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



- Cyan (49%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)



- Cyan (65%)
- Magenta (30%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AB287 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 5AB287 by changing the saturation by 10% instead.



 5AB287

 5AB287

FFFFFF

 3E976E

 91EABC

 1F7D55

 ADFFD8

 00633E

 CAFFF5

 004B28

 E7FFFF

 003313

 001E00

 000000

 5AB287

 5AB287

 48B27E

 6CB290

 36B276

 7EB298

 25B26D

 8FB2A1

 13B264

 A1B2AA

 01B25C

 B3B2B2

 00B25B

 C5B2BB

 D7B2C4

 E8B2CD

 FAB2D5

# Harmonies

## Analogous

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



87AC69



5AB287



16B4AB

# Triad

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



5AB287



7EA1E7



E18B77

# Complementary

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



5AB287



B25A85

# 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.



E58598



5AB287



B394D8

# Square

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



5AB287



38ACE2



D689BB



CD9760

# Rectangle

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



5AB287



00B3C2



D689BB



E48881



# Sweetspot

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



5AB287



C5E8D7



86B25A



60756B



F5F5F5



757575



# Same Dimension

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



5AB287



5FE8A5



5AB2B2



505955



00994E



001A0D



# Inverse Universe

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



B25A85



E85FA2



B25A5A



595055



99004B

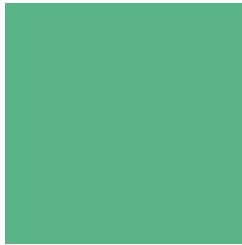


1A000C



# Previews

## White Background



This preview shows how the Hex color 5AB287 looks on a white background.

## Color Contrast Check

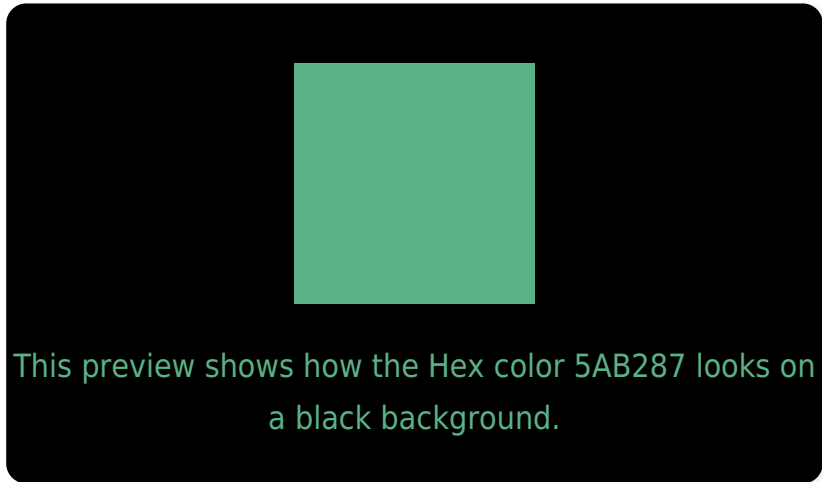
Large Text (above 18pt) WCAG AA × Fail

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

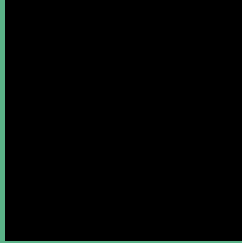
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5AB287 Background



This preview shows how black text looks on a background with the Hex color 5AB287.



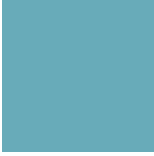
This preview shows how white text looks on a background with the Hex color 5AB287.

# 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](#).

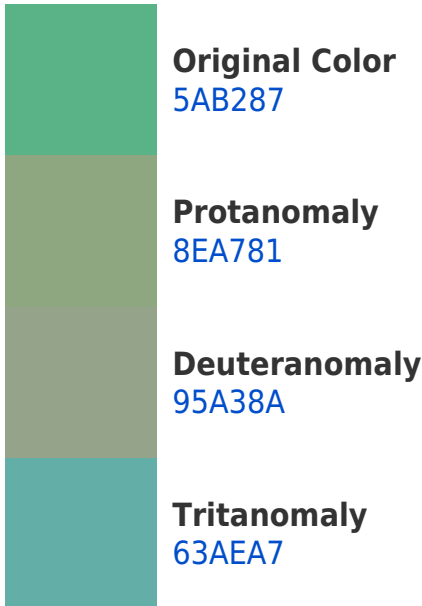
## Dichromacy



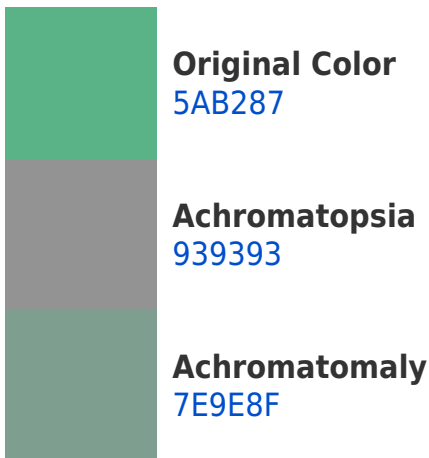


**Tritanopia**  
68ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AB287 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 #5AB287 looks like.

```
.text, #text, p{  
    color:#5AB287  
}
```

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 #5AB287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB287
}
```

## Border

The CSS property to change the border of an element to Hex 5AB287 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
#5AB287 }
```

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

```
.border{ border-color:#5AB287 }
```

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

Here you see how a box with a 4 pixel #5AB287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB287; -webkit-box-shadow:4px 4px  
4px 4px #5AB287; box-shadow:4px 4px 4px  
4px #5AB287 }
```

# Background

The CSS property to change the background color of an element to Hex 5AB287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB287 }
```

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

```
.background{ background-color:#5AB287 }
```

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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