

# Converting Colors

Hex(5BE3AF)

Have a look what the booklet for  
Hex(5BE3AF) contains.

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# Color

Hex(5BE3AF)

# Conversions

## Conversions Part 1

Format	Color
Hex	5BE3AF
RGB	91, 227, 175
RGB Percent	36%, 89%, 69%
CMY	0.6431, 0.1098, 0.3137
CMYK	0.60, 0.00, 0.23, 0.11
HSL	157°, 71%, 62%
HSV	157°, 60%, 89%
XYZ	39.5213, 60.2575, 50.1053
YIQ	180.4080, -64.3640, -45.0040

# Conversions

## Conversions Part 2

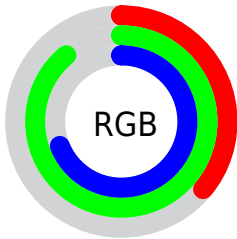
Format	Color
<a href="#">RYB</a>	<a href="#">91, 175, 227</a>
Decimal	<a href="#">6022063</a>
CIELab	<a href="#">81.98, -49.12, 14.52</a>
CIElCh	<a href="#">82, 51.226, 163.535</a>
Yxy	<a href="#">60.2575, 0.2637, 0.4020</a>
Android (android.graphics.Color)	<a href="#">4284212143 (0xFF5BE3AF)</a>
YUV	<a href="#">180.4080, -2.6661, -78.4108</a>
Hunter-Lab	<a href="#">77.6257, -44.9658, 16.0679</a>

# Details

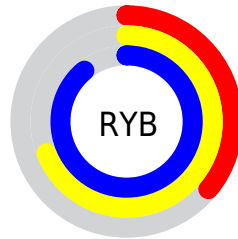
The Hex color **5BE3AF** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E35B8F**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **98FFE7**, and **00AB7A** is the 20% darker color. If you saturate the color by 10%, you get **44E3A6**, and if you desaturate by 10%, it is **72E3B8**.

# Distribution



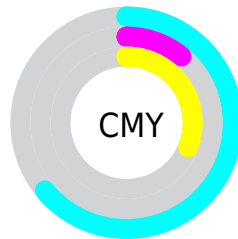
- Red (36%)
- Green (89%)
- Blue (69%)



- Red (36%)
- Yellow (69%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BE3AF 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 5BE3AF by changing the saturation by 10% instead.



 5BE3AF

FFFFFF

 98FFE7

 B6FFFF


 D4FFFF

 F2FFFF

 5BE3AF

 39C794

 00AB7A

 008F62

 00754A

 005B33

 00431D

 002D06

 000D00

 000000

 5BE3AF

 5BE3AF

 44E3A6

 72E3B8

 2EE39E

 88E3C0

 17E395

 9FE3C9

 00E38C

 B6E3D2

 CDE3DA

 E3E3E3

 FAE3EC

 FFE3F4

 FFE3FD

# Harmonies

## Analogous

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



9FDC84



5BE3AF



00E5E1

# Triad

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



5BE3AF



A6C9FF



FFAF8C

# Complementary

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



5BE3AF



E35B8F

# 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.



FFA5B8



5BE3AF



ECB7FF

# Square

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



5BE3AF



39D8FF



FFA8E8



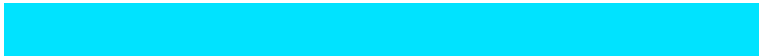
FFC06F

# Rectangle

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



5BE3AF



00E3FF



FFA8E8



FFAB99

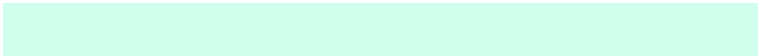


# Sweetspot

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



5BE3AF



D1FFED



8FE35B



638075



000000



808080



# Same Dimension

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



5BE3AF



47FFB9



5BD3E3



67736E



00B36E



003320



# Inverse Universe

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



E35B8F



FF478E



E36B5B



73676C



B30044

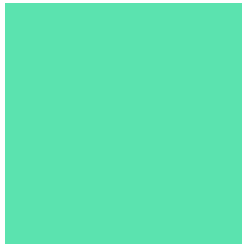


330014



# Previews

## White Background



This preview shows how the Hex color 5BE3AF looks on a white background.

## Color Contrast Check

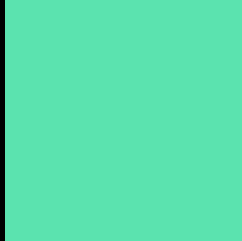
Large Text (above 18pt) WCAG AA × Fail

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 5BE3AF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

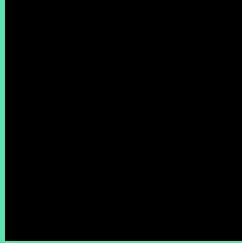
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

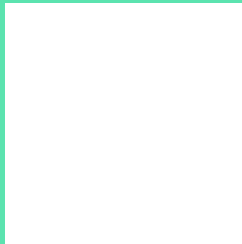
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BE3AF Background



This preview shows how black text looks on a background with the Hex color 5BE3AF.

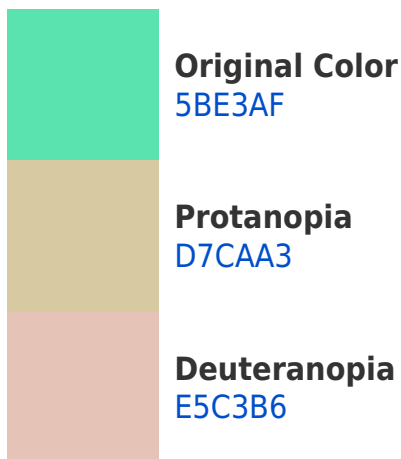


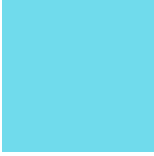
This preview shows how white text looks on a background with the Hex color 5BE3AF.

# 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**  
70DBEC

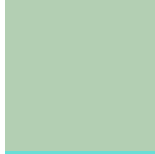
# Trichromacy



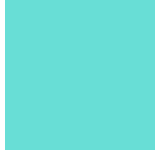
**Original Color**  
5BE3AF



**Protanomaly**  
AAD3A7



**Deuteranomaly**  
B3CFB3



**Tritanomaly**  
68DED6

# Monochromacy



**Original Color**  
5BE3AF



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
94C5B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BE3AF 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 #5BE3AF looks like.

```
.text, #text, p{  
    color:#5BE3AF  
}
```

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 #5BE3AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE3AF
}
```

## Border

The CSS property to change the border of an element to Hex 5BE3AF 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
#5BE3AF }
```

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

```
.border{ border-color:#5BE3AF }
```

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

Here you see how a box with a 4 pixel #5BE3AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE3AF; -webkit-box-shadow:4px 4px  
4px 4px #5BE3AF; box-shadow:4px 4px 4px  
4px #5BE3AF }
```

# Background

The CSS property to change the background color of an element to Hex 5BE3AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE3AF }
```

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

```
.background{ background-color:#5BE3AF }
```

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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