

Converting Colors

Hex(5EB39B)

Have a look what the booklet for
Hex(5EB39B) contains.

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Color

Hex(5EB39B)

Conversions

Conversions Part 1

Format	Color
Hex	5EB39B
RGB	94, 179, 155
RGB Percent	37%, 70%, 61%
CMY	0.6314, 0.2980, 0.3922
CMYK	0.47, 0.00, 0.13, 0.30
HSL	163°, 36%, 54%
HSV	163°, 47%, 70%
XYZ	26.6526, 36.9864, 36.7447
YIQ	150.8490, -42.9560, -25.4840

Conversions

Conversions Part 2

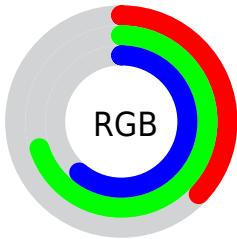
Format	Color
RYB	94, 143, 179
Decimal	6206363
CIELab	67.27, -31.64, 4.32
CIELCh	67, 31.934, 172.225
Yxy	36.9864, 0.2655, 0.3685
Android (android.graphics.Color)	4284396443 (0xFF5EB39B)
YUV	150.8490, 2.0464, -49.8566
Hunter-Lab	60.8165, -28.2019, 6.7491

Details

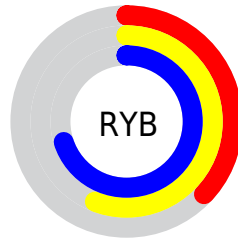
The Hex color **5EB39B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B35E76**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **95EBD1**, and **247E68** is the 20% darker color. If you saturate the color by 10%, you get **4CB396**, and if you desaturate by 10%, it is **70B3A0**.

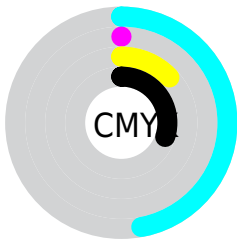
Distribution



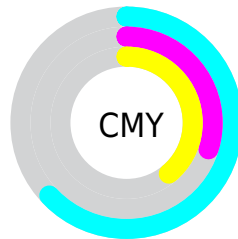
- Red (37%)
- Green (70%)
- Blue (61%)



- Red (37%)
- Yellow (56%)
- Blue (70%)



- Cyan (47%)
- Magenta (0%)
- Yellow (13%)
- Black (30%)



- Cyan (63%)
- Magenta (30%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB39B 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 5EB39B by changing the saturation by 10% instead.



5EB39B



5EB39B

FFFFFF



429881



95EBD1



247E68



B1FFEE



006450



CEFFFF



004C39



EBFFFF



003424



00210E



000000



5EB39B



5EB39B



4CB396



70B3A0

 3AB391

 82B3A5

 28B38C

 94B3AA

 16B387

 A6B3AF

 05B382

 B8B3B4

 00B380

 C9B3B9

 DBB3BE

 EDB3C3

 FFB3C8

Harmonies

Analogous

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



80AF80



5EB39B



43B3B8

Triad

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



5EB39B



9D9FD9



D39677

Complementary

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



5EB39B



B35E76

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.



DD8F8F



5EB39B



C195C7

Square

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



5EB39B



71A9DC



D78FAC



BE9F6B

Rectangle

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



5EB39B



42B1C9



D78FAC



D8937E

Sweetspot

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



5EB39B



C8E8DF



76B35E



617570



F5F5F5



757575

Same Dimension

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



5EB39B



64E8C3



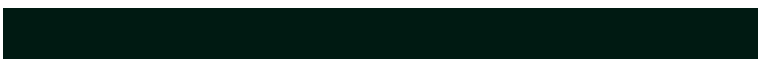
5EA1B3



505957



00996E



001A12

Inverse Universe

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



B35E76



E86489



B3705E



595053



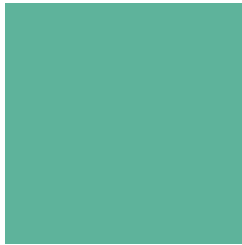
99002B



1A0007

Previews

White Background



This preview shows how the Hex color 5EB39B looks on a white background.

Color Contrast Check

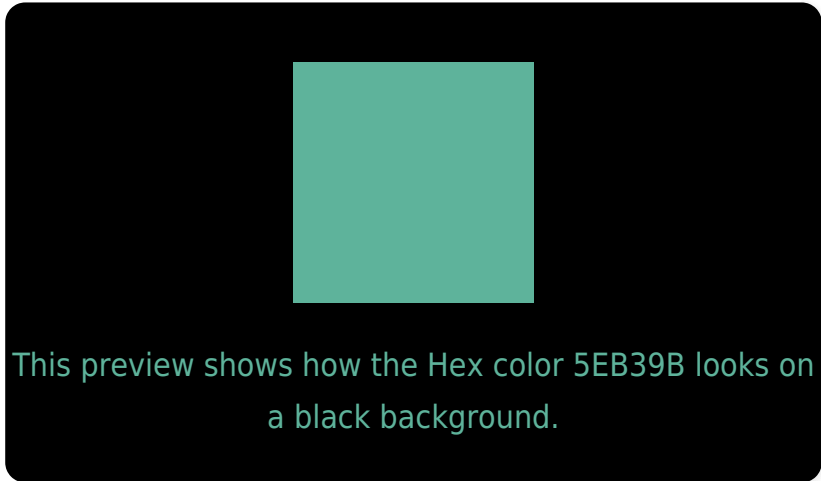
Large Text (above 18pt) WCAG AA × Fail

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

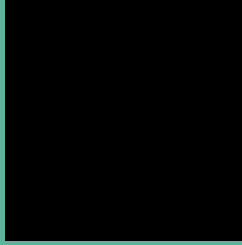
Any Text WCAG AA ✓ Pass

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 5EB39B Background



This preview shows how black text looks on a background with the Hex color 5EB39B.

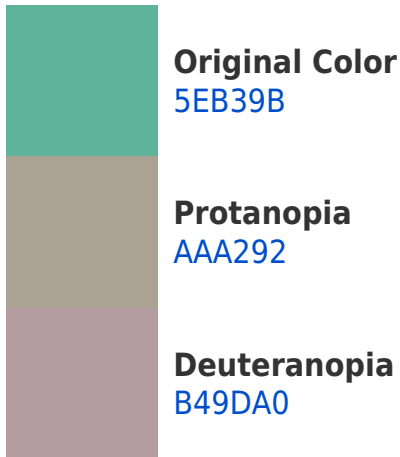


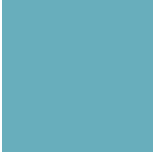
This preview shows how white text looks on a background with the Hex color 5EB39B.

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](#).

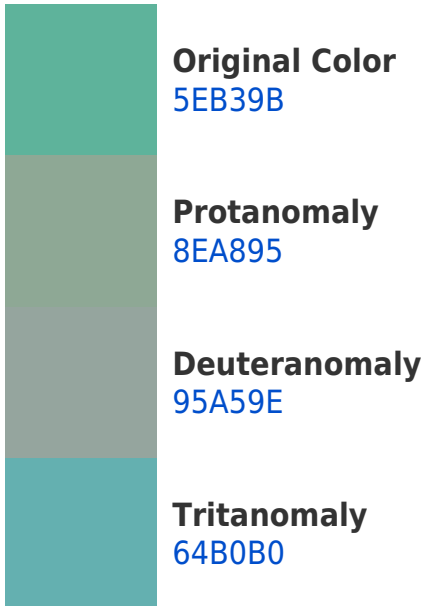
Dichromacy



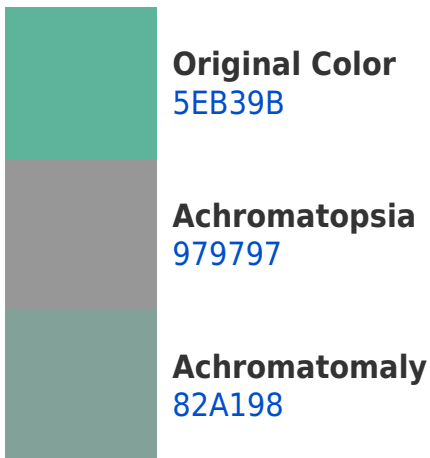


Tritanopia
68AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB39B 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 #5EB39B looks like.

```
.text, #text, p{  
    color:#5EB39B  
}
```

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 #5EB39B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB39B
}
```

Border

The CSS property to change the border of an element to Hex 5EB39B 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
#5EB39B }
```

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

```
.border{ border-color:#5EB39B }
```

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

Here you see how a box with a 4 pixel #5EB39B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB39B; -webkit-box-shadow:4px 4px  
4px 4px #5EB39B; box-shadow:4px 4px 4px  
4px #5EB39B }
```

Background

The CSS property to change the background color of an element to Hex 5EB39B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB39B }
```

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

```
.background{ background-color:#5EB39B }
```

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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