

Converting Colors

Hex(5BB19A)

Have a look what the booklet for
Hex(5BB19A) contains.

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Color

Hex(5BB19A)

Conversions

Conversions Part 1

Format	Color
Hex	5BB19A
RGB	91, 177, 154
RGB Percent	36%, 69%, 60%
CMY	0.6431, 0.3059, 0.3961
CMYK	0.49, 0.00, 0.13, 0.31
HSL	164°, 36%, 53%
HSV	164°, 49%, 69%
XYZ	25.8693, 36.0015, 36.1574
YIQ	148.6640, -43.8730, -25.3850

Conversions

Conversions Part 2

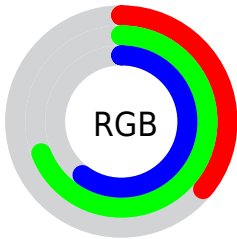
Format	Color
RYB	91, 141, 177
Decimal	6009242
CIELab	66.52, -31.66, 3.78
CIELCh	67, 31.889, 173.192
Yxy	36.0015, 0.2639, 0.3673
Android (android.graphics.Color)	4284199322 (0xFF5BB19A)
YUV	148.6640, 2.6306, -50.5713
Hunter-Lab	60.0013, -28.0428, 6.2721

Details

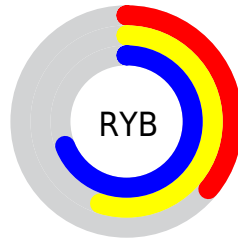
The Hex color **5BB19A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B15B72**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **92E9D0**, and **207C67** is the 20% darker color. If you saturate the color by 10%, you get **49B195**, and if you desaturate by 10%, it is **6DB19F**.

Distribution



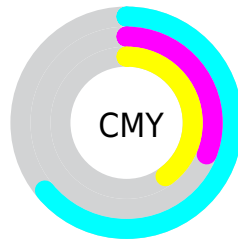
- Red (36%)
- Green (69%)
- Blue (60%)



- Red (36%)
- Yellow (55%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BB19A 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 5BB19A by changing the saturation by 10% instead.



5BB19A



5BB19A

FFFFFF



3F9680



92E9D0



207C67



AEEFED



00624F



CBFFFF



004A38



E8FFFF



003323



001F0D



000000



5BB19A



5BB19A



49B195



6DB19F

 38B191

 7EB1A3

 26B18C

 90B1A8

 14B187

 A2B1AD

 03B182

 B4B1B2

 00B182

 C5B1B6

 D7B1BB

 E9B1C0

 FAB1C5

Harmonies

Analogous

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



7DAE7F



5BB19A



40B1B7

Triad

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



5BB19A



9C9DD6



D19475

Complementary

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



5BB19A



B15B72

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.



DA8D8D



5BB19A



C093C4

Square

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



5BB19A



70A7DA



D58DAA



BB9E69

Rectangle

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



5BB19A



40AFC8



D58DAA



D5917C

Sweetspot

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



5BB19A



C3E6DC



73B15B



5E736D



F2F2F2



737373

Same Dimension

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



5BB19A



60E6C2



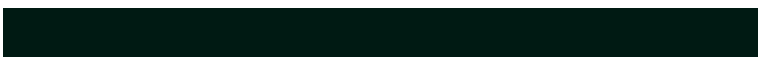
5B9EB1



505957



009970



001A13

Inverse Universe

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



B15B72



E66084



B16E5B



595053



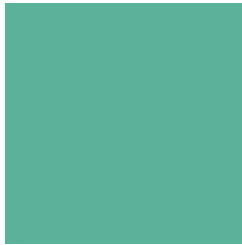
990029



1A0007

Previews

White Background



This preview shows how the Hex color 5BB19A looks on a white background.

Color Contrast Check

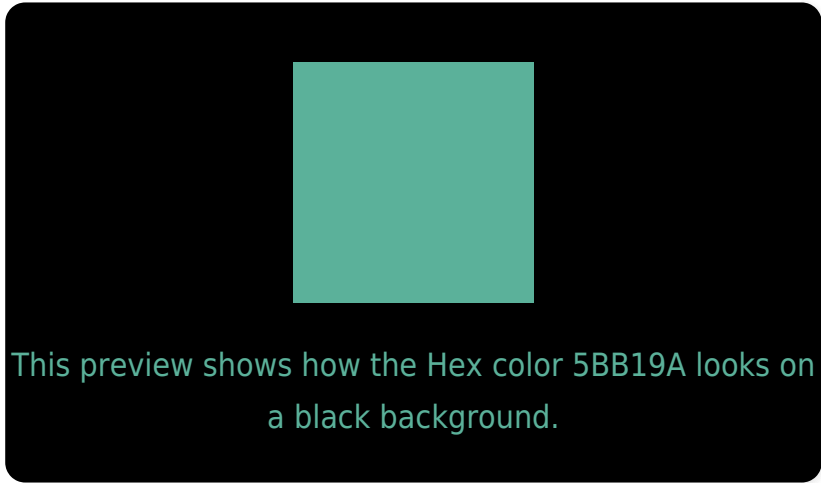
Large Text (above 18pt) WCAG AA × Fail

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

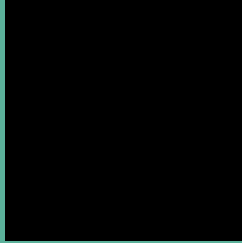
Any Text WCAG AA ✓ Pass

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 5BB19A Background



This preview shows how black text looks on a background with the Hex color 5BB19A.

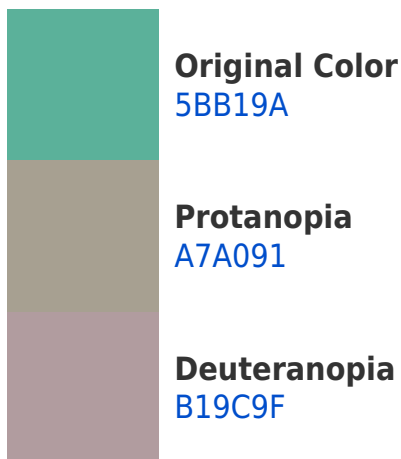


This preview shows how white text looks on a background with the Hex color 5BB19A.

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](#).

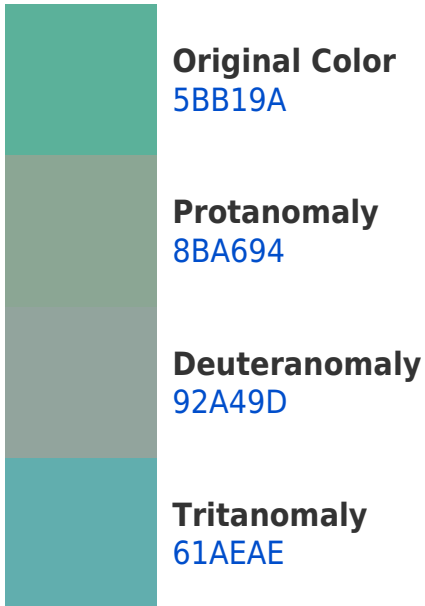
Dichromacy





Tritanopia
64ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BB19A 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 #5BB19A looks like.

```
.text, #text, p{  
    color:#5BB19A  
}
```

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 #5BB19A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB19A
}
```

Border

The CSS property to change the border of an element to Hex 5BB19A 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
#5BB19A }
```

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

```
.border{ border-color:#5BB19A }
```

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

Here you see how a box with a 4 pixel #5BB19A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB19A; -webkit-box-shadow:4px 4px  
4px 4px #5BB19A; box-shadow:4px 4px 4px  
4px #5BB19A }
```

Background

The CSS property to change the background color of an element to Hex 5BB19A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB19A }
```

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

```
.background{ background-color:#5BB19A }
```

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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