

Converting Colors

Hex(5BA79C)

Have a look what the booklet for
Hex(5BA79C) contains.

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Color

Hex(5BA79C)

Conversions

Conversions Part 1

Format	Color
Hex	5BA79C
RGB	91, 167, 156
RGB Percent	36%, 65%, 61%
CMY	0.6431, 0.3451, 0.3882
CMYK	0.46, 0.00, 0.07, 0.35
HSL	171°, 30%, 51%
HSV	171°, 46%, 65%
XYZ	24.1339, 32.2619, 36.4077
YIQ	143.0220, -41.7650, -19.5330

Conversions

Conversions Part 2

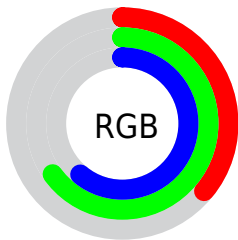
Format	Color
RYB	91, 132, 167
Decimal	6006684
CIELab	63.56, -26.31, -1.65
CIElCh	64, 26.361, 183.580
Yxy	32.2619, 0.2601, 0.3476
Android (android.graphics.Color)	4284196764 (0xFF5BA79C)
YUV	143.0220, 6.3982, -45.6233
Hunter-Lab	56.7995, -23.5554, 1.7557

Details

The Hex color **5BA79C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A75B66**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **92DED2**, and **227369** is the 20% darker color. If you saturate the color by 10%, you get **4AA79A**, and if you desaturate by 10%, it is **6CA79E**.

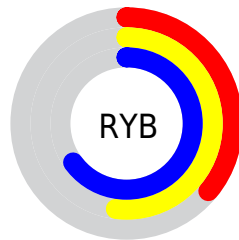
Distribution



Red (36%)

Green (65%)

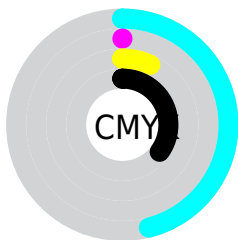
Blue (61%)



Red (36%)

Yellow (52%)

Blue (65%)

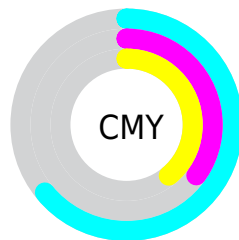


Cyan (46%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA79C 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 5BA79C by changing the saturation by 10% instead.

 5BA79C

 5BA79C


FFFFFF

 408C82

 92DED2

 227369

 ADFBEF

 005A51

 CAFFFF

 00423A

 E7FFFF

 002B24

 00150F

 000000

 5BA79C

 5BA79C

 4AA79A

 6CA79E

■ 3AA797

■ 7CA7A1

■ 29A795

■ 8DA7A3

■ 18A792

■ 9EA7A6

■ 07A790

■ AEA7A8

■ 00A78F

■ BFA7AB

■ D0A7AD

■ E1A7AF

■ F1A7B2

Harmonies

Analogous

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



73A584



5BA79C



51A6B3

Triad

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



5BA79C



A193C1



BC9171

Complementary

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



5BA79C



A75B66

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.



C88B81



5BA79C



BA8CAF

Square

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



5BA79C



809BC8



C88998



A8996B

Rectangle

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



5BA79C



58A4BF



C88998



C18F75

Sweetspot

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



5BA79C



BAD9D4



66A75B



5B6E6B



EDEDED



6E6E6E

Same Dimension

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



5BA79C



62D9C7



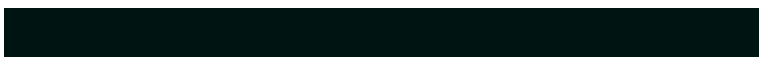
5B8CA7



4C5453



00947E



001411

Inverse Universe

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



A75B66



D96273



A7765B



544C4D



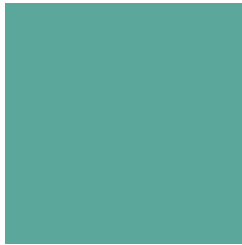
940015



140003

Previews

White Background



This preview shows how the Hex color 5BA79C looks on a white background.

Color Contrast Check

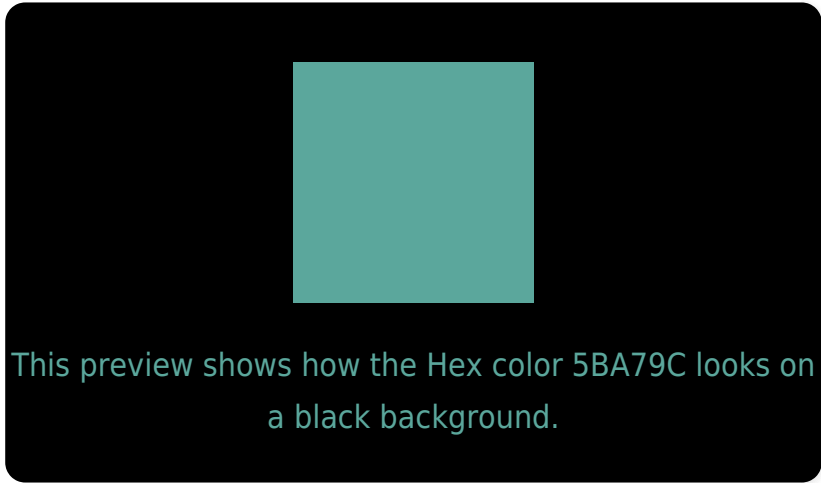
Large Text (above 18pt) WCAG AA × Fail

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

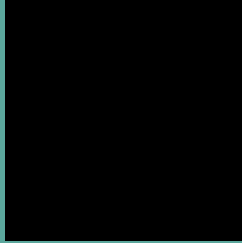
Any Text WCAG AA ✓ Pass

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 5BA79C Background



This preview shows how black text looks on a background with the Hex color 5BA79C.

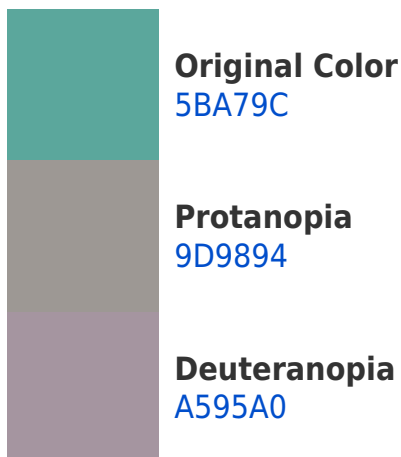


This preview shows how white text looks on a background with the Hex color 5BA79C.

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](#).

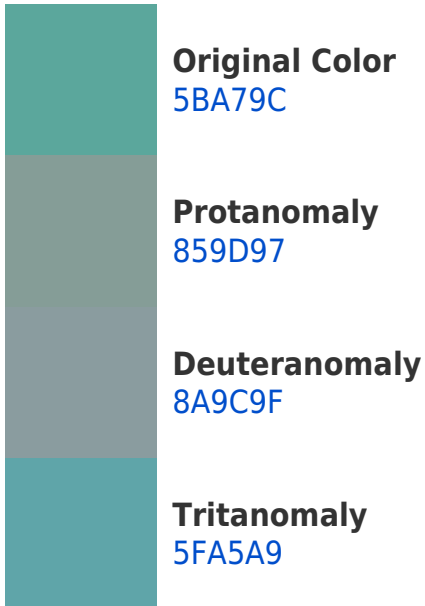
Dichromacy





Tritanopia
61A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA79C 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 #5BA79C looks like.

```
.text, #text, p{  
    color:#5BA79C  
}
```

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 #5BA79C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA79C
}
```

Border

The CSS property to change the border of an element to Hex 5BA79C 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
#5BA79C }
```

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

```
.border{ border-color:#5BA79C }
```

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

Here you see how a box with a 4 pixel #5BA79C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA79C; -webkit-box-shadow:4px 4px  
4px 4px #5BA79C; box-shadow:4px 4px 4px  
4px #5BA79C }
```

Background

The CSS property to change the background color of an element to Hex 5BA79C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA79C }
```

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

```
.background{ background-color:#5BA79C }
```

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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