

Converting Colors

Hex(5BA79B)

Have a look what the booklet for
Hex(5BA79B) contains.

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Color

Hex(5BA79B)

Conversions

Conversions Part 1

Format	Color
Hex	5BA79B
RGB	91, 167, 155
RGB Percent	36%, 65%, 61%
CMY	0.6431, 0.3451, 0.3922
CMYK	0.46, 0.00, 0.07, 0.35
HSL	171°, 30%, 51%
HSV	171°, 46%, 65%
XYZ	24.0495, 32.2281, 35.9635
YIQ	142.9080, -41.4440, -19.8440

Conversions

Conversions Part 2

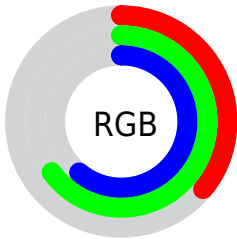
Format	Color
RYB	91, 132, 167
Decimal	6006683
CIELab	63.53, -26.56, -1.13
CIElCh	64, 26.583, 182.430
Yxy	32.2281, 0.2607, 0.3494
Android (android.graphics.Color)	4284196763 (0xFF5BA79B)
YUV	142.9080, 5.9614, -45.5233
Hunter-Lab	56.7698, -23.7290, 2.1789

Details

The Hex color **5BA79B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A75B67**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **92DED1**, and **227368** is the 20% darker color. If you saturate the color by 10%, you get **4AA798**, and if you desaturate by 10%, it is **6CA79E**.

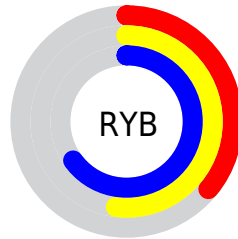
Distribution



Red (36%)

Green (65%)

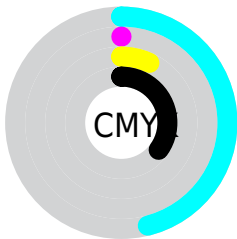
Blue (61%)



Red (36%)

Yellow (52%)

Blue (65%)

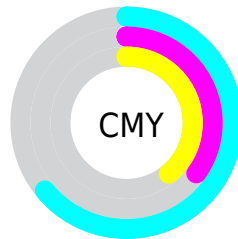


Cyan (46%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA79B 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 5BA79B by changing the saturation by 10% instead.

■ 5BA79B

■ 5BA79B

FFFFFF

■ 408C81

■ 92DED1

■ 227368

■ ADFBEE

■ 005A50

■ CAFFFF

■ 004239

■ E7FFFF

■ 002B24

■ 00150E

■ 000000

■ 5BA79B

■ 5BA79B

■ 4AA798

■ 6CA79E

■ 3AA796

■ 7CA7A0

■ 29A793

■ 8DA7A3

■ 18A790

■ 9EA7A6

■ 07A78E

■ AEA7A8

■ 00A78D

■ BFA7AB

■ D0A7AD

■ E1A7B0

■ F1A7B3

Harmonies

Analogous

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



74A583



5BA79B



50A6B2

Triad

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



5BA79B



A093C2



BD9171

Complementary

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



5BA79B



A75B67

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.



C88A82



5BA79B



BA8CB0

Square

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



5BA79B



7E9BC9



C88899



A9996B

Rectangle

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



5BA79B



57A4BF



C88899



C28E75

Sweetspot

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



5BA79B



BAD9D4



68A75B



5B6E6B



EDEDED



6E6E6E

Same Dimension

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



5BA79B



62D9C6



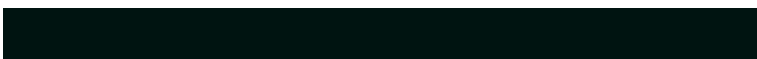
5B8EA7



4C5453



00947D



001411

Inverse Universe

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



A75B67



D96274



A7745B



544C4D



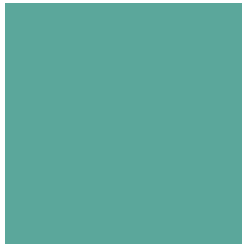
940017



140003

Previews

White Background



This preview shows how the Hex color 5BA79B looks on a white background.

Color Contrast Check

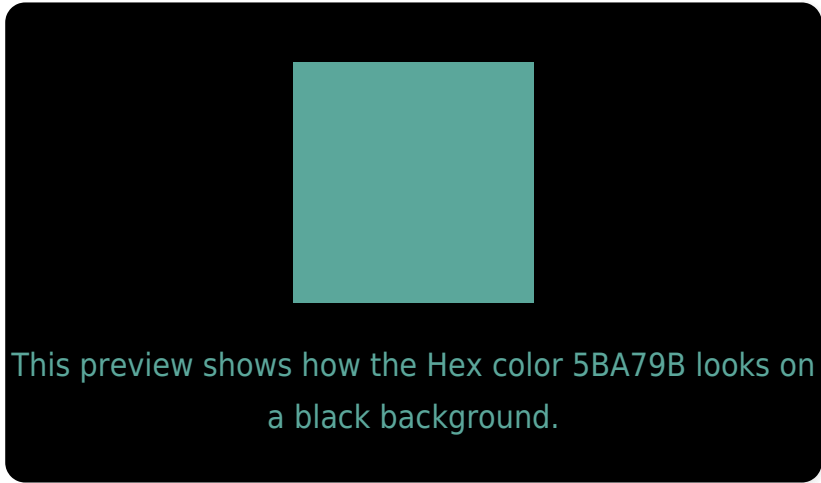
Large Text (above 18pt) WCAG AA × Fail

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

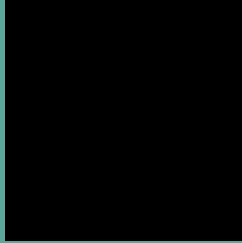
Any Text WCAG AA ✓ Pass

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 5BA79B Background



This preview shows how black text looks on a background with the Hex color 5BA79B.

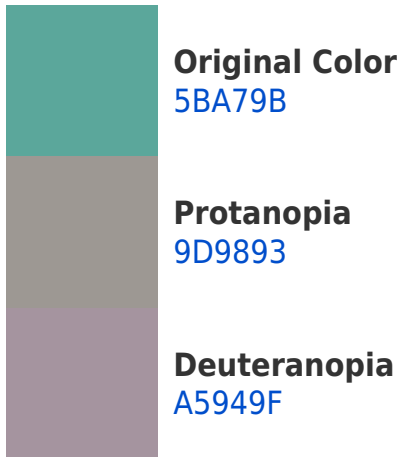


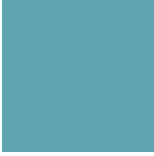
This preview shows how white text looks on a background with the Hex color 5BA79B.

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](#).

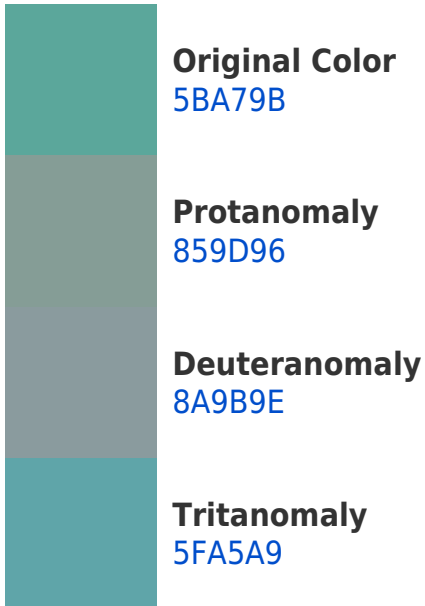
Dichromacy



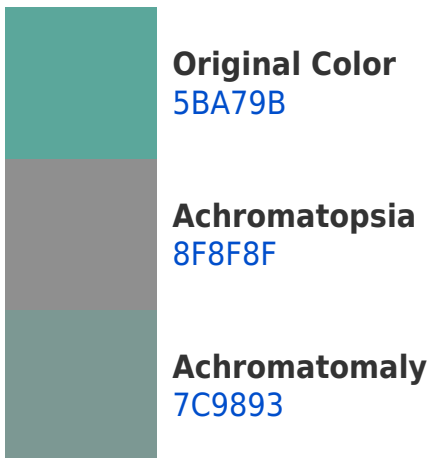


Tritanopia
61A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA79B 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 #5BA79B looks like.

```
.text, #text, p{  
    color:#5BA79B  
}
```

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 #5BA79B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA79B
}
```

Border

The CSS property to change the border of an element to Hex 5BA79B 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
#5BA79B }
```

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

```
.border{ border-color:#5BA79B }
```

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

Here you see how a box with a 4 pixel #5BA79B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA79B; -webkit-box-shadow:4px 4px  
4px 4px #5BA79B; box-shadow:4px 4px 4px  
4px #5BA79B }
```

Background

The CSS property to change the background color of an element to Hex 5BA79B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA79B }
```

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

```
.background{ background-color:#5BA79B }
```

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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