

Converting Colors

Hex(5BCAA7)

Have a look what the booklet for
Hex(5BCAA7) contains.

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Color

Hex(5BCAA7)

Conversions

Conversions Part 1

Format	Color
Hex	5BCAA7
RGB	91, 202, 167
RGB Percent	36%, 79%, 65%
CMY	0.6431, 0.2078, 0.3451
CMYK	0.55, 0.00, 0.17, 0.21
HSL	161°, 51%, 57%
HSV	161°, 55%, 79%
XYZ	32.4100, 47.2552, 43.9722
YIQ	164.8210, -54.9210, -34.4170

Conversions

Conversions Part 2

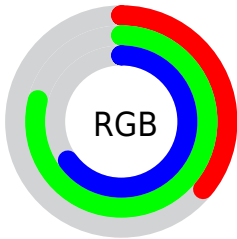
Format	Color
RYB	91, 157, 202
Decimal	6015655
CIELab	74.35, -40.14, 7.95
CIElCh	74, 40.916, 168.799
Yxy	47.2552, 0.2621, 0.3822
Android (android.graphics.Color)	4284205735 (0xFF5BCAA7)
YUV	164.8210, 1.0742, -64.7410
Hunter-Lab	68.7424, -36.1420, 10.1939

Details

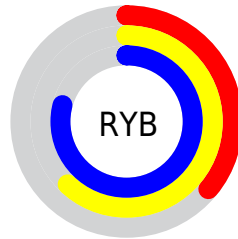
The Hex color **5BCAA7** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CA5B7E**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **95FFDE**, and **149373** is the 20% darker color. If you saturate the color by 10%, you get **47CAA1**, and if you desaturate by 10%, it is **6FCAAD**.

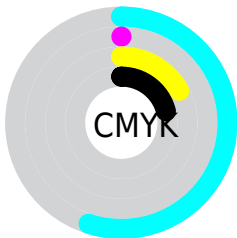
Distribution



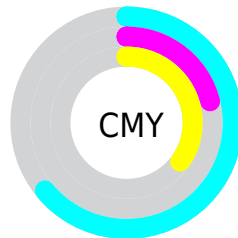
- Red (36%)
- Green (79%)
- Blue (65%)



- Red (36%)
- Yellow (62%)
- Blue (79%)



- Cyan (55%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (64%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BCAA7 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 5BCAA7 by changing the saturation by 10% instead.

 5BCAA7

 5BCAA7

FFFFFF

 3CAE8D

 95FFDE

 149373

 B2FFFB


 00795B

 CFFFFFF

 005F43

 EDFFFF

 00472D

 002F18

 001800

 000000

 5BCAA7

 5BCAA7

 47CAA1

 6FCAAD

 33CA9A

 83CAB4

 1ECA94

 98CABA

 0ACA8E

 ACCAC0

 00CA8A

 C0CAC7

 D4CACD

 E8CAD4

 FDCADA

 FFCAE0

Harmonies

Analogous

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



8DC584



5BCAA7



18CBCE

Triad

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



5BCAA7



A6B2FE



F6A380

Complementary

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



5BCAA7



CA5B7E

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.



FF9AA1



5BCAA7



D8A5E9

Square

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



5BCAA7



65BFFF



F79BC7



DCB06D

Rectangle

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



5BCAA7



00C9E5



F79BC7



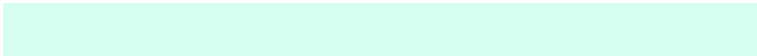
FB9F8A

Sweetspot

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



5BCAA7



D6FFF2



7ECA5B



678078



000000



808080

Same Dimension

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



5BCAA7



57FFCA



5BB6CA



5C6663



00A671



00261A

Inverse Universe

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



CA5B7E



FF578C



CA6F5B



665C5F



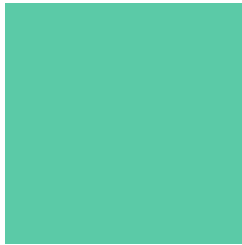
A60034



26000C

Previews

White Background



This preview shows how the Hex color 5BCAA7 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 5BCAA7 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

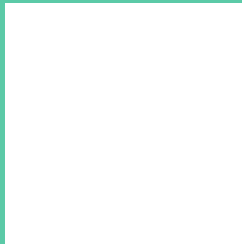
Any Text WCAG AAA ✓ Pass

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

Hex 5BCAA7 Background



This preview shows how black text looks on a background with the Hex color 5BCAA7.

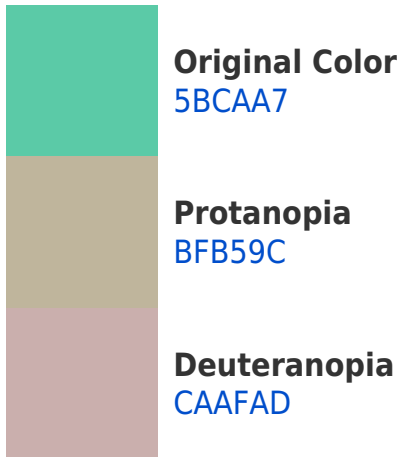


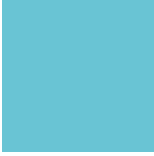
This preview shows how white text looks on a background with the Hex color 5BCAA7.

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](#).

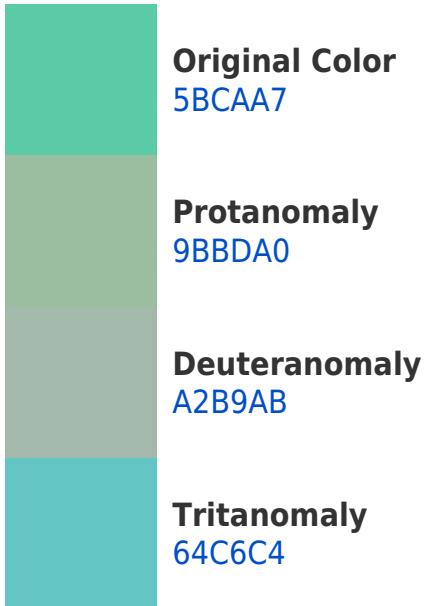
Dichromacy



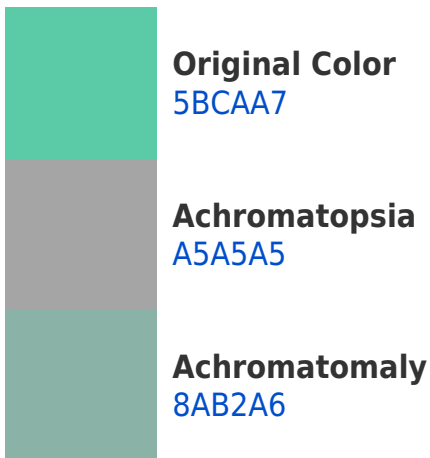


Tritanopia
69C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BCAA7 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 #5BCAA7 looks like.

```
.text, #text, p{  
    color:#5BCAA7  
}
```

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 #5BCAA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BCAA7
}
```

Border

The CSS property to change the border of an element to Hex 5BCAA7 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
#5BCAA7 }
```

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

```
.border{ border-color:#5BCAA7 }
```

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

Here you see how a box with a 4 pixel #5BCAA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BCAA7; -webkit-box-shadow:4px 4px  
4px 4px #5BCAA7; box-shadow:4px 4px 4px  
4px #5BCAA7 }
```

Background

The CSS property to change the background color of an element to Hex 5BCAA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BCAA7 }
```

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

```
.background{ background-color:#5BCAA7 }
```

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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