

Converting Colors

Hex(5BC8A8)

Have a look what the booklet for
Hex(5BC8A8) contains.

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Color

Hex(5BC8A8)

Conversions

Conversions Part 1

Format	Color
Hex	5BC8A8
RGB	91, 200, 168
RGB Percent	36%, 78%, 66%
CMY	0.6431, 0.2157, 0.3412
CMYK	0.54, 0.00, 0.16, 0.22
HSL	162°, 50%, 57%
HSV	162°, 54%, 78%
XYZ	32.0365, 46.3599, 44.3056
YIQ	163.7610, -54.6920, -33.0600

Conversions

Conversions Part 2

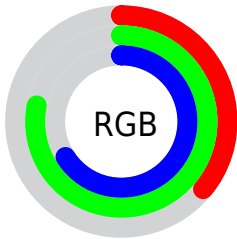
Format	Color
RYB	91, 155, 200
Decimal	6015144
CIELab	73.78, -39.01, 6.59
CIElCh	74, 39.560, 170.418
Yxy	46.3599, 0.2611, 0.3778
Android (android.graphics.Color)	4284205224 (0xFF5BC8A8)
YUV	163.7610, 2.0898, -63.8114
Hunter-Lab	68.0881, -35.1670, 9.0810

Details

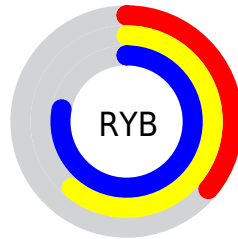
The Hex color **5BC8A8** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **C85B7B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **95FFDF**, and **159174** is the 20% darker color. If you saturate the color by 10%, you get **47C8A2**, and if you desaturate by 10%, it is **6FC8AE**.

Distribution



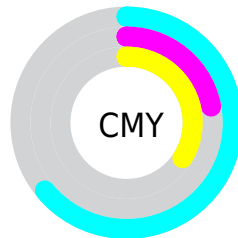
- Red (36%)
- Green (78%)
- Blue (66%)



- Red (36%)
- Yellow (61%)
- Blue (78%)



- Cyan (54%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BC8A8 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 5BC8A8 by changing the saturation by 10% instead.

 5BC8A8

 5BC8A8

FFFFFF

 3CAC8E

 95FFDF

 159174

 B2FFFC

 00775B

 CFFFFFF

 005E44

 EDFFFF

 00452E

 002E19

 001600

 000000

 5BC8A8

 5BC8A8

 47C8A2

 6FC8AE

 33C89C

 83C8B4

 1FC896

 97C8BA

 0BC891

 ABC8BF

 00C88D

 BFC8C5

 D3C8CB

 E7C8D1

 FBC8D7

 FFC8DD

Harmonies

Analogous

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



8AC386



5BC8A8



24C9CD

Triad

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



5BC8A8



A9B0F9



F1A37F

Complementary

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



5BC8A8



C85B7B

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.



FC9A9E



5BC8A8



D8A3E4

Square

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



5BC8A8



6CBCFC



F49AC3



D8AF6E

Rectangle

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



5BC8A8



17C7E3



F49AC3



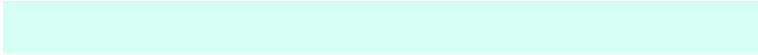
F79F88

Sweetspot

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



5BC8A8



D6FFF3



7CC85B



678078



000000



808080

Same Dimension

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



5BC8A8



59FFCE



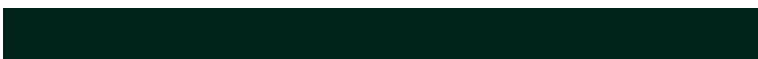
5BB2C8



5A6361



00A373



002419

Inverse Universe

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



C85B7B



FF598A



C8715B



635A5C



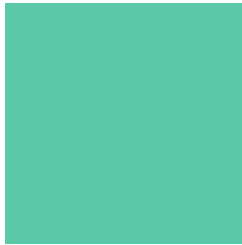
A30030



24000A

Previews

White Background



This preview shows how the Hex color 5BC8A8 looks on a white background.

Color Contrast Check

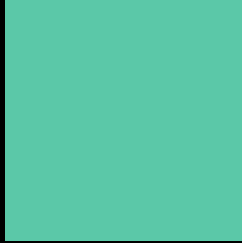
Large Text (above 18pt) WCAG AA × Fail

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 5BC8A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

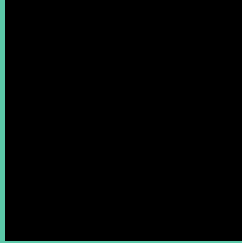
Any Text WCAG AA ✓ Pass

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 5BC8A8 Background



This preview shows how black text looks on a background with the Hex color 5BC8A8.

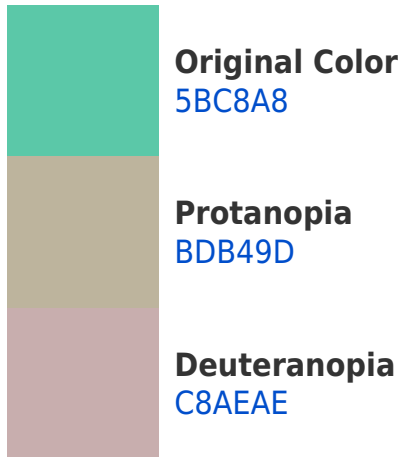


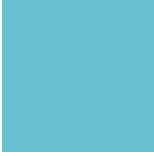
This preview shows how white text looks on a background with the Hex color 5BC8A8.

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](#).

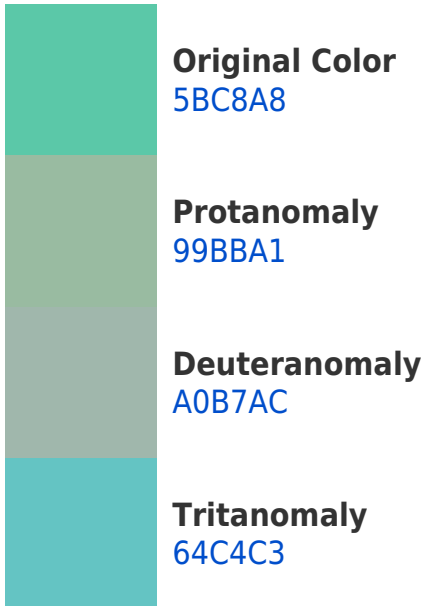
Dichromacy



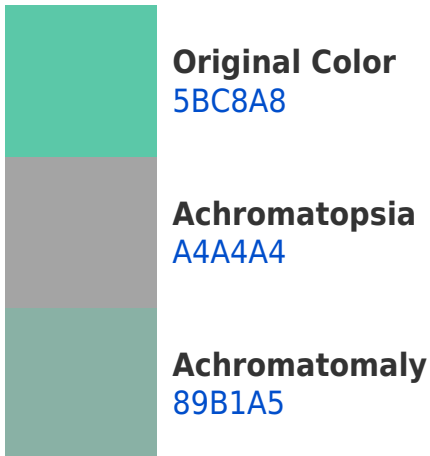


Tritanopia
69C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BC8A8 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 #5BC8A8 looks like.

```
.text, #text, p{  
    color:#5BC8A8  
}
```

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 #5BC8A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC8A8
}
```

Border

The CSS property to change the border of an element to Hex 5BC8A8 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
#5BC8A8 }
```

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

```
.border{ border-color:#5BC8A8 }
```

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

Here you see how a box with a 4 pixel #5BC8A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC8A8; -webkit-box-shadow:4px 4px  
4px 4px #5BC8A8; box-shadow:4px 4px 4px  
4px #5BC8A8 }
```

Background

The CSS property to change the background color of an element to Hex 5BC8A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC8A8 }
```

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

```
.background{ background-color:#5BC8A8 }
```

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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