

Converting Colors

Hex(5BC5A7)

Have a look what the booklet for
Hex(5BC5A7) contains.

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Color

Hex(5BC5A7)

Conversions

Conversions Part 1

Format	Color
Hex	5BC5A7
RGB	91, 197, 167
RGB Percent	36%, 77%, 65%
CMY	0.6431, 0.2275, 0.3451
CMYK	0.54, 0.00, 0.15, 0.23
HSL	163°, 48%, 56%
HSV	163°, 54%, 77%
XYZ	31.2557, 44.9467, 43.5874
YIQ	161.8860, -53.5460, -31.8020

Conversions

Conversions Part 2

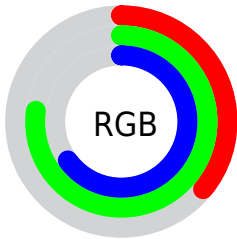
Format	Color
RYB	91, 153, 197
Decimal	6014375
CIELab	72.86, -37.89, 5.80
CIElCh	73, 38.327, 171.294
Yxy	44.9467, 0.2609, 0.3752
Android (android.graphics.Color)	4284204455 (0xFF5BC5A7)
YUV	161.8860, 2.5212, -62.1670
Hunter-Lab	67.0423, -34.1058, 8.3823

Details

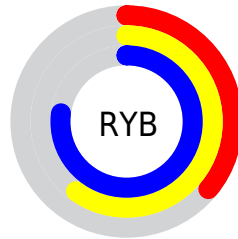
The Hex color **5BC5A7** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **C55B79**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **95FEDE**, and **178F73** is the 20% darker color. If you saturate the color by 10%, you get **47C5A1**, and if you desaturate by 10%, it is **6FC5AD**.

Distribution



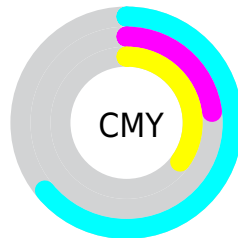
- Red (36%)
- Green (77%)
- Blue (65%)



- Red (36%)
- Yellow (60%)
- Blue (77%)



- Cyan (54%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)



- Cyan (64%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BC5A7 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 5BC5A7 by changing the saturation by 10% instead.

 5BC5A7

 5BC5A7

FFFFFF

 3DA98D

 95FEDE

 178F73

 B1FFFB

 00745B

 CFFFFFF

 005B43

 ECFFFF

 00432D

 002C18

 001200

 000000

 5BC5A7

 5BC5A7

 47C5A1

 6FC5AD

 34C59C

 82C5B2

 20C596

 96C5B8

 0CC591

 AAC5BD

 00C58D

 BEC5C3

 D1C5C8

 E5C5CE

 F9C5D4

 FFC5D9

Harmonies

Analogous

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



88C186



5BC5A7



2BC5CB

Triad

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



5BC5A7



A8ADF4



ECA17D

Complementary

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



5BC5A7



C55B79

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.



F8999B



5BC5A7



D5A1DF

Square

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



5BC5A7



6FB9F8



F099BF



D3AD6D

Rectangle

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



5BC5A7



25C3E0



F099BF



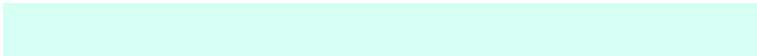
F29E86

Sweetspot

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



5BC5A7



D6FFF3



79C55B



678079



000000



808080

Same Dimension

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



5BC5A7



59FFD0



5BAEC5



5A6361



00A375



00241A

Inverse Universe

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



C55B79



FF5988



C5725B



635A5C



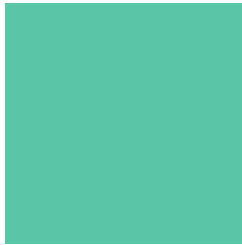
A3002E



24000A

Previews

White Background



This preview shows how the Hex color 5BC5A7 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 5BC5A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

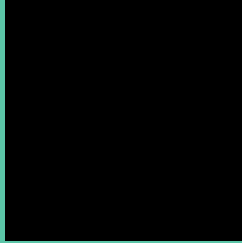
Any Text WCAG AA ✓ Pass

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 5BC5A7 Background



This preview shows how black text looks on a background with the Hex color 5BC5A7.

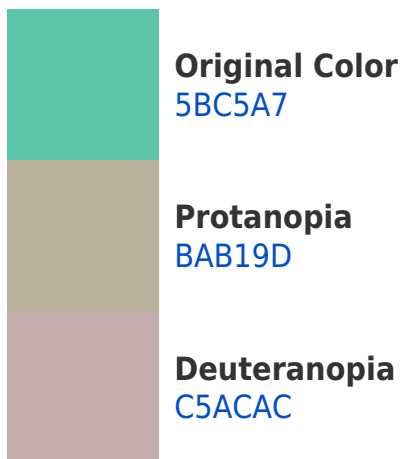


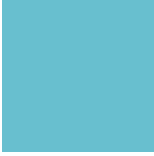
This preview shows how white text looks on a background with the Hex color 5BC5A7.

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
68BFCF

Trichromacy



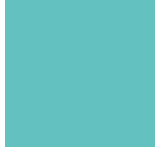
Original Color
5BC5A7



Protanomaly
97B8A1



Deuteranomaly
9EB5AA



Tritanomaly
63C1C0

Monochromacy



Original Color
5BC5A7



Achromatopsia
A2A2A2



Achromatomaly
88AFA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BC5A7 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 #5BC5A7 looks like.

```
.text, #text, p{  
    color:#5BC5A7  
}
```

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 #5BC5A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC5A7
}
```

Border

The CSS property to change the border of an element to Hex 5BC5A7 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
#5BC5A7 }
```

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

```
.border{ border-color:#5BC5A7 }
```

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

Here you see how a box with a 4 pixel #5BC5A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC5A7; -webkit-box-shadow:4px 4px  
4px 4px #5BC5A7; box-shadow:4px 4px 4px  
4px #5BC5A7 }
```

Background

The CSS property to change the background color of an element to Hex 5BC5A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC5A7 }
```

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

```
.background{ background-color:#5BC5A7 }
```

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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