

# Converting Colors

Hex(5CC8A7)

Have a look what the booklet for  
Hex(5CC8A7) contains.

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**Color**

**Hex(5CC8A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CC8A7
RGB	92, 200, 167
RGB Percent	36%, 78%, 65%
CMY	0.6392, 0.2157, 0.3451
CMYK	0.54, 0.00, 0.16, 0.22
HSL	162°, 50%, 57%
HSV	162°, 54%, 78%
XYZ	32.0430, 46.3739, 43.8214
YIQ	163.9460, -53.7750, -33.1590

# Conversions

## Conversions Part 2

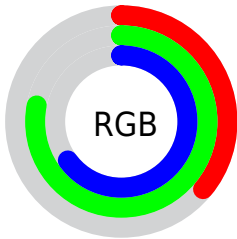
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 156, 200
Decimal	6080679
CIELab	73.79, -39.02, 7.14
CIElCh	74, 39.672, 169.628
Yxy	46.3739, 0.2621, 0.3794
Android (android.graphics.Color)	4284270759 (0xFF5CC8A7)
YUV	163.9460, 1.5056, -63.0966
Hunter-Lab	68.0984, -35.1809, 9.5156

# Details

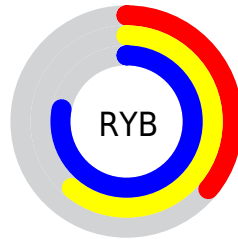
The Hex color **5CC8A7** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **C85C7D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **96FFDE**, and **189173** is the 20% darker color. If you saturate the color by 10%, you get **48C8A1**, and if you desaturate by 10%, it is **70C8AD**.

# Distribution



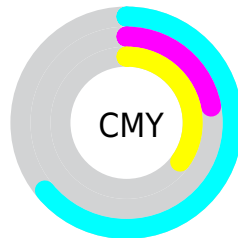
- Red (36%)
- Green (78%)
- Blue (65%)



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



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



- Cyan (64%)
- Magenta (22%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CC8A7 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 5CC8A7 by changing the saturation by 10% instead.



 5CC8A7

 5CC8A7

FFFFFF

 3EAC8D

 96FFDE

 189173

 B3FFFB

 00775B

 D0FFFF

 005E43

 EEEFFF

 00452D

 002E18

 001600

 000000

 5CC8A7

 5CC8A7

 48C8A1

 70C8AD

 34C89B

 84C8B3

 20C895

 98C8B9

 0CC88F

 ACC8BF

 00C88B

 C0C8C6

 D4C8CC

 E8C8D2

 FCC8D8

 FFC8DE

# Harmonies

## Analogous

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



8CC385



5CC8A7



24C9CD

# Triad

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



5CC8A7



A7B1FA



F2A27F

# Complementary

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



5CC8A7



C85C7D

# 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.



FD9A9F



5CC8A7



D7A3E5

# Square

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



5CC8A7



6ABDFC



F49AC4



D9AF6E

# Rectangle

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



5CC8A7



13C7E3



F49AC4



F79F89

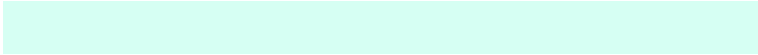


# Sweetspot

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



5CC8A7



D6FFF3



7EC85C



678078



000000



808080



# Same Dimension

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



5CC8A7



59FFCC



5CB4C8



5A6360



00A371



002419



# Inverse Universe

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



C85C7D



FF598C



C8705C



635A5D



A30032

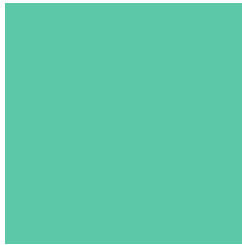


24000B



# Previews

## White Background



This preview shows how the Hex color 5CC8A7 looks on a white background.

## Color Contrast Check

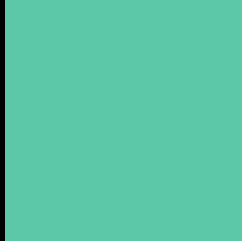
Large Text (above 18pt) WCAG AA × Fail

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 5CC8A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

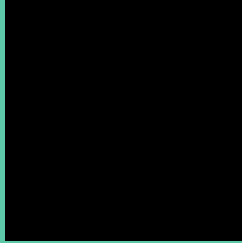
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CC8A7 Background



This preview shows how black text looks on a background with the Hex color 5CC8A7.

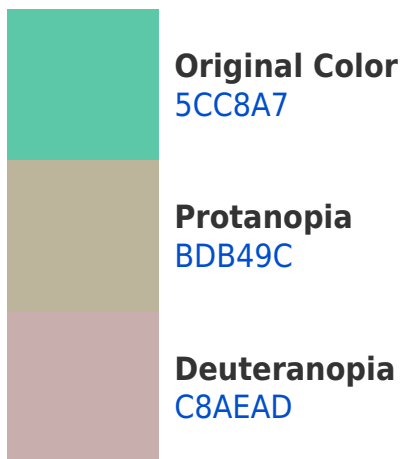


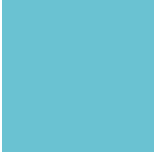
This preview shows how white text looks on a background with the Hex color 5CC8A7.

# 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**  
6AC2D2

# Trichromacy



**Original Color**  
5CC8A7



**Protanomaly**  
9ABBA0



**Deuteranomaly**  
A1B7AB

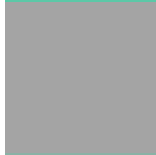


**Tritanomaly**  
65C4C2

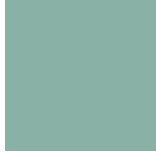
# Monochromacy



**Original Color**  
5CC8A7



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
8AB1A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CC8A7 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 #5CC8A7 looks like.

```
.text, #text, p{  
    color:#5CC8A7  
}
```

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 #5CC8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC8A7
}
```

## Border

The CSS property to change the border of an element to Hex 5CC8A7 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
#5CC8A7 }
```

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

```
.border{ border-color:#5CC8A7 }
```

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

Here you see how a box with a 4 pixel #5CC8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC8A7; -webkit-box-shadow:4px 4px  
4px 4px #5CC8A7; box-shadow:4px 4px 4px  
4px #5CC8A7 }
```

# Background

The CSS property to change the background color of an element to Hex 5CC8A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC8A7 }
```

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

```
.background{ background-color:#5CC8A7 }
```

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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