

# Converting Colors

Hex(5CA3A3)

Have a look what the booklet for  
Hex(5CA3A3) contains.

<b>Hex(5CA3A3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(5CA3A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA3A3
RGB	92, 163, 163
RGB Percent	36%, 64%, 64%
CMY	0.6392, 0.3608, 0.3608
CMYK	0.44, 0.00, 0.00, 0.36
HSL	180°, 28%, 50%
HSV	180°, 44%, 64%
XYZ	24.1217, 31.1140, 39.3846
YIQ	141.7710, -42.3160, -15.0520

# Conversions

## Conversions Part 2

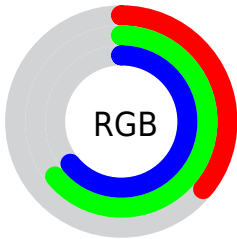
Format	Color
<b>RYB</b>	92, 128, 163
Decimal	6071203
CIELab	62.60, -22.25, -6.98
CIELCh	63, 23.315, 197.414
Yxy	31.1140, 0.2549, 0.3288
Android (android.graphics.Color)	4284261283 (0xFF5CA3A3)
YUV	141.7710, 10.4659, -43.6492
Hunter-Lab	55.7800, -20.4238, -2.8170

# Details

The Hex color **5CA3A3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A35C5C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **93DADA**, and **246F6F** is the 20% darker color. If you saturate the color by 10%, you get **4CA3A3**, and if you desaturate by 10%, it is **6CA3A3**.

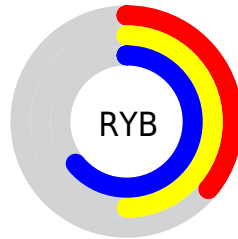
# Distribution



Red (36%)

Green (64%)

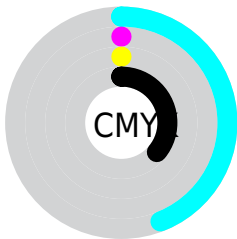
Blue (64%)



Red (36%)

Yellow (50%)

Blue (64%)

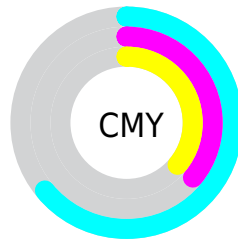


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CA3A3 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 5CA3A3 by changing the saturation by 10% instead.





5CA3A3



5CA3A3

FFFFFF



418989



93DADA



246F6F



AEF7F6



005657



CBFFFF



003F40



E8FFFF



00282A



001116



000000



5CA3A3



5CA3A3



4CA3A3



6CA3A3

3BA3A3

7DA3A3

2BA3A3

8DA3A3

1BA3A3

9DA3A3

0AA3A3

AEA3A3

00A3A3

BEA3A3

CEA3A3

DEA3A3

EFA3A3

# Harmonies

## Analogous

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



6CA28E



5CA3A3



5EA1B5

# Triad

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



5CA3A3



A98EB4



AF936F

# Complementary

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



5CA3A3



A35C5C

# 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.



BD8D7A



5CA3A3



BB89A1

# Square

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



5CA3A3



8F95BF



C2898C



9A9A70

# Rectangle

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



5CA3A3



6A9EBD



C2898C



B49172



# Sweetspot

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



5CA3A3



B8D4D4



5CA35C



5A6B6B



EBEBEB



6B6B6B



# Same Dimension

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



5CA3A3



66D4D4



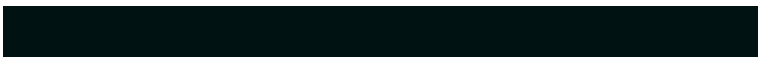
5C80A3



495252



009191



001212



# Inverse Universe

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



A35CA3



D466D4



A3805C



524952



910091



120012



# Previews

## White Background



This preview shows how the Hex color 5CA3A3 looks on a white background.

## Color Contrast Check

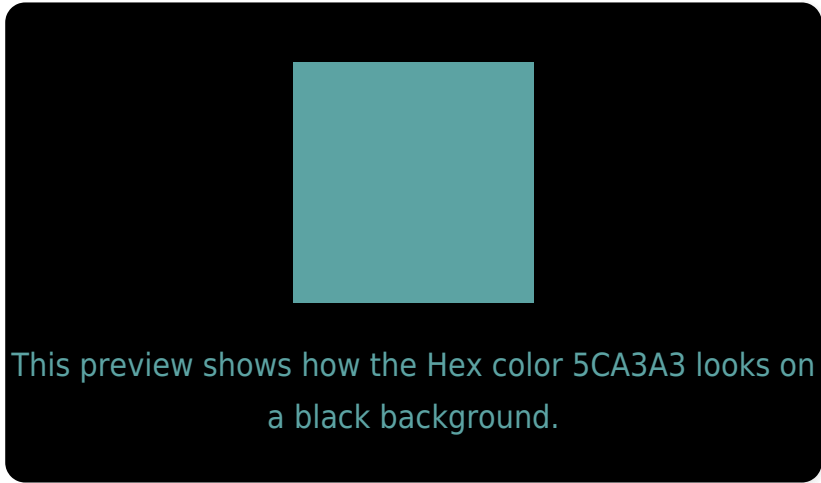
Large Text (above 18pt) WCAG AA × Fail

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

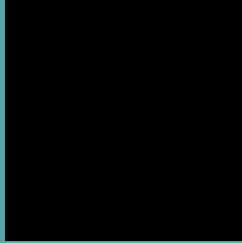
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CA3A3 Background



This preview shows how black text looks on a background with the Hex color 5CA3A3.

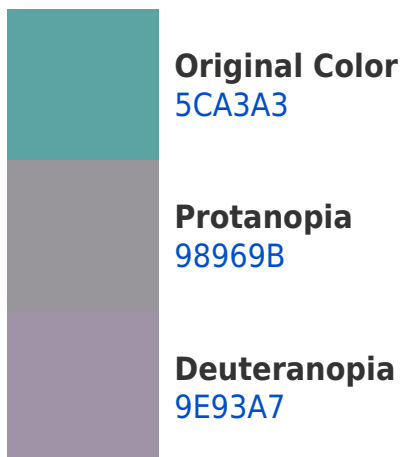


This preview shows how white text looks on a background with the Hex color 5CA3A3.

# 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



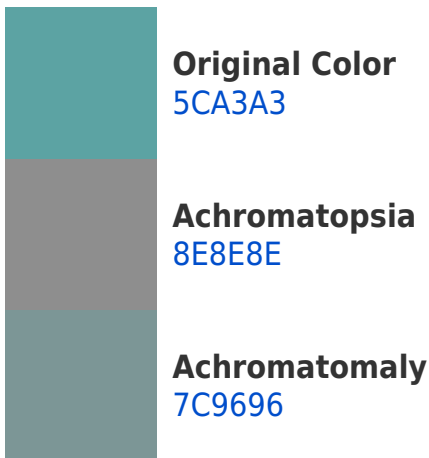


**Tritanopia**  
5FA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CA3A3 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 #5CA3A3 looks like.

```
.text, #text, p{  
    color:#5CA3A3  
}
```

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 #5CA3A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA3A3
}
```

## Border

The CSS property to change the border of an element to Hex 5CA3A3 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
#5CA3A3 }
```

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

```
.border{ border-color:#5CA3A3 }
```

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

Here you see how a box with a 4 pixel #5CA3A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA3A3; -webkit-box-shadow:4px 4px  
4px 4px #5CA3A3; box-shadow:4px 4px 4px  
4px #5CA3A3 }
```

# Background

The CSS property to change the background color of an element to Hex 5CA3A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA3A3 }
```

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

```
.background{ background-color:#5CA3A3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor