

Converting Colors

Hex(5C9387)

Have a look what the booklet for
Hex(5C9387) contains.

Hex(5C9387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C9387)

Conversions

Conversions Part 1

Format	Color
Hex	5C9387
RGB	92, 147, 135
RGB Percent	36%, 58%, 53%
CMY	0.6392, 0.4235, 0.4706
CMYK	0.37, 0.00, 0.08, 0.42
HSL	167°, 23%, 47%
HSV	167°, 37%, 58%
XYZ	19.2205, 24.8920, 26.7133
YIQ	129.1870, -28.9280, -15.3920

Conversions

Conversions Part 2

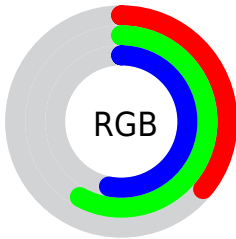
Format	Color
R_{YB}	92, 123, 147
Decimal	6067079
CIE _{Lab}	56.97, -21.05, 0.61
CIE _{LCh}	57, 21.055, 178.350
Yxy	24.8920, 0.2714, 0.3515
Android (android.graphics.Color)	4284257159 (0xFF5C9387)
YUV	129.1870, 2.8658, -32.6130
Hunter-Lab	49.8919, -18.5449, 3.1791

Details

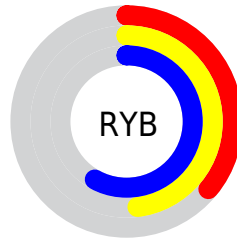
The Hex color **5C9387** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **935C68**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **91C9BC**, and **296055** is the 20% darker color. If you saturate the color by 10%, you get **4D9384**, and if you desaturate by 10%, it is **6B938A**.

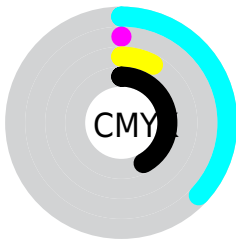
Distribution



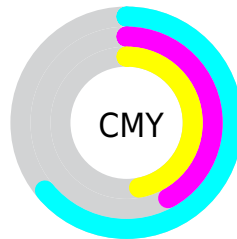
- Red (36%)
- Green (58%)
- Blue (53%)



- Red (36%)
- Yellow (48%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (8%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9387 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 5C9387 by changing the saturation by 10% instead.



5C9387



5C9387

FFFFFF



43796E



91C9BC



296055



ACE5D8



0D483E



C8FFF4



003128



E4FFFF



001E14



000000



5C9387



5C9387



4D9384



6B938A



3F9381



79938D

■ 30937D

■ 889391

■ 21937A

■ 979394

■ 139377

■ A59397

■ 049374

■ B4939A

■ 009373

■ C3939D

■ D293A1

■ E093A4

Harmonies

Analogous

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



6F9175



5C9387



539399

Triad

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



5C9387



8A84A9



A6816A

Complementary

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



5C9387



935C68

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.



AE7D78



5C9387



9F7F9C

Square

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



5C9387



718BAD



AC7C8A



978764

Rectangle

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



5C9387



5691A3



AC7C8A



AA7F6E

Sweetspot

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



5C9387



AABFBB



69935C



54615E



E0E0E0



616161

Same Dimension

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



5C9387



69BFAC



5C8493



434A48



008A6C



000A08

Inverse Universe

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



935C68



BF697C



936B5C



4A4344



8A001E



0A0002

Previews

White Background



This preview shows how the Hex color 5C9387 looks on a white background.

Color Contrast Check

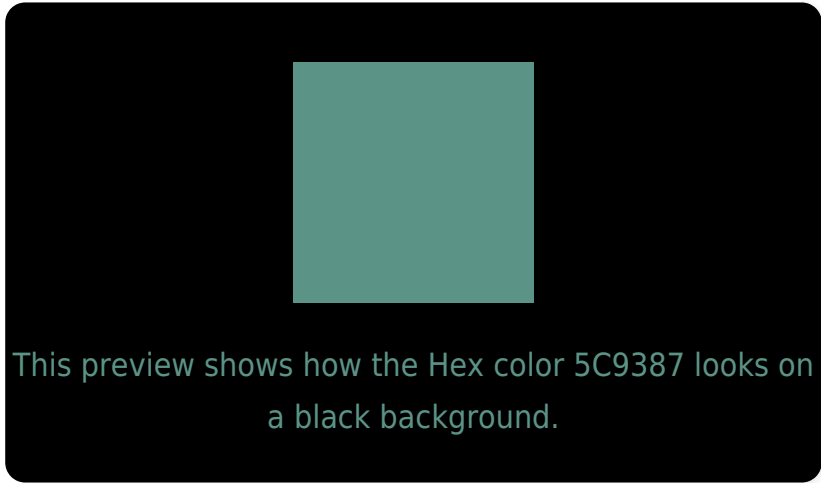
Large Text (above 18pt) WCAG AA ✓ Pass

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

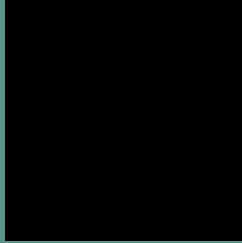
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

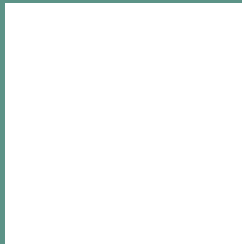
Any Text WCAG AAA × Fail

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

Hex 5C9387 Background



This preview shows how black text looks on a background with the Hex color 5C9387.

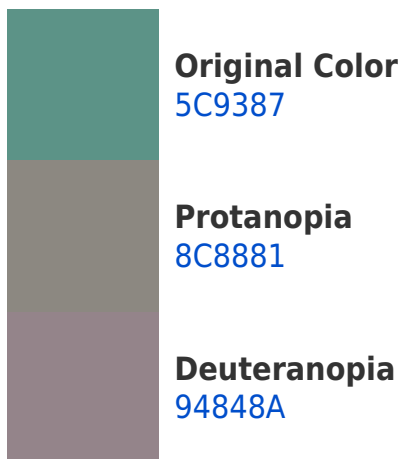


This preview shows how white text looks on a background with the Hex color 5C9387.

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



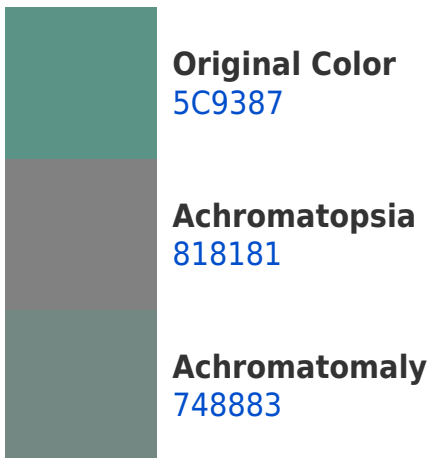


Tritanopia
61909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9387 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 #5C9387 looks like.

```
.text, #text, p{  
    color:#5C9387  
}
```

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 #5C9387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9387
}
```

Border

The CSS property to change the border of an element to Hex 5C9387 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
#5C9387 }
```

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

```
.border{ border-color:#5C9387 }
```

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

Here you see how a box with a 4 pixel #5C9387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9387; -webkit-box-shadow:4px 4px  
4px 4px #5C9387; box-shadow:4px 4px 4px  
4px #5C9387 }
```

Background

The CSS property to change the background color of an element to Hex 5C9387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9387 }
```

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

```
.background{ background-color:#5C9387 }
```

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