

Converting Colors

Hex(5A9A93)

Have a look what the booklet for
Hex(5A9A93) contains.

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Color

Hex(5A9A93)

Conversions

Conversions Part 1

Format	Color
Hex	5A9A93
RGB	90, 154, 147
RGB Percent	35%, 60%, 58%
CMY	0.6471, 0.3961, 0.4235
CMYK	0.42, 0.00, 0.05, 0.40
HSL	173°, 26%, 48%
HSV	173°, 42%, 60%
XYZ	21.0385, 27.3914, 31.7820
YIQ	134.0660, -35.8970, -15.7450

Conversions

Conversions Part 2

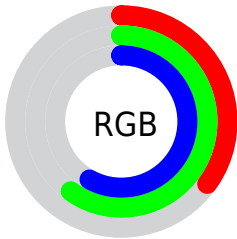
Format	Color
R_{YB}	90, 124, 154
Decimal	5937811
CIE _{Lab}	59.33, -22.26, -2.78
CIE _{LCh}	59, 22.437, 187.121
Yxy	27.3914, 0.2623, 0.3415
Android (android.graphics.Color)	4284127891 (0xFF5A9A93)
YUV	134.0660, 6.3765, -38.6459
Hunter-Lab	52.3368, -19.8355, 0.6314

Details

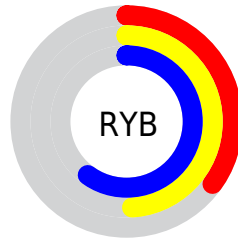
The Hex color **5A9A93** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A5A61**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8FD1C9**, and **256761** is the 20% darker color. If you saturate the color by 10%, you get **4B9A91**, and if you desaturate by 10%, it is **699A95**.

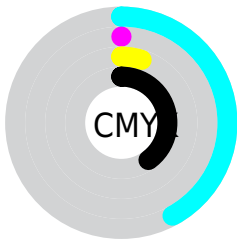
Distribution



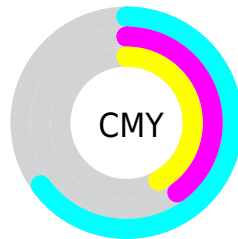
- Red (35%)
- Green (60%)
- Blue (58%)



- Red (35%)
- Yellow (49%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9A93 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 5A9A93 by changing the saturation by 10% instead.

■ 5A9A93

■ 5A9A93

FFFFFF

■ 408079

■ 8FD1C9

■ 256761

■ ABEDE5

■ 014E49

■ C7FFFF

■ 003732

■ E4FFFF

■ 00221D

■ 000004

■ 000000

■ 5A9A93

■ 5A9A93

■ 4B9A91

■ 699A95

 3B9A90

 799A96

 2C9A8E

 889A98

 1C9A8C

 989A9A

 0D9A8B

 A79A9B

 009A89

 B69A9D

 C69A9F

 D59AA0

 E59AA2

Harmonies

Analogous

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



6C997F



5A9A93



5599A6

Triad

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



5A9A93



9888AE



AA886B

Complementary

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



5A9A93



9A5A61

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.



B58378



5A9A93



AC839F

Square

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



5A9A93



7D8FB6



B6808B



998F68

Rectangle

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



5A9A93



5C97AF



B6808B



AF866E

Sweetspot

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



5A9A93



B1C9C7



619A5A



586664



E6E6E6



666666

Same Dimension

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



5A9A93



65C9BE



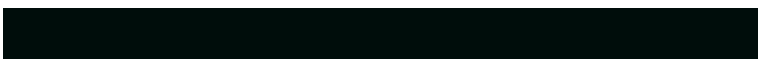
5A819A



454D4C



008C7D



000D0B

Inverse Universe

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



9A5A61



C96570



9A735A



4D4546



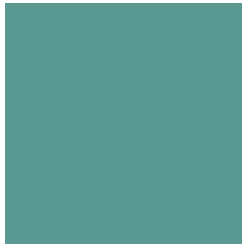
8C000F



0D0001

Previews

White Background



This preview shows how the Hex color 5A9A93 looks on a white background.

Color Contrast Check

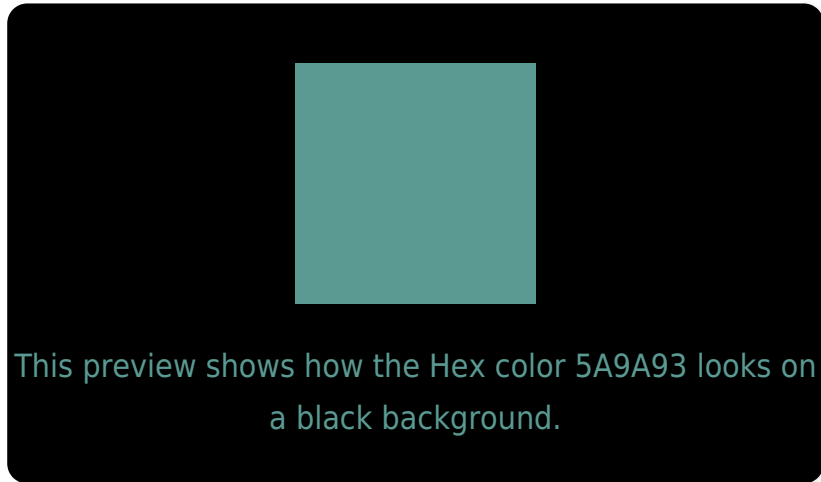
Large Text (above 18pt) WCAG AA ✓ Pass

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

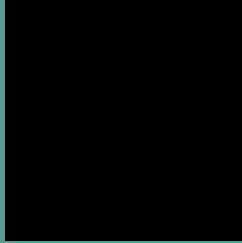
Any Text WCAG AA ✓ Pass

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 5A9A93 Background



This preview shows how black text looks on a background with the Hex color 5A9A93.

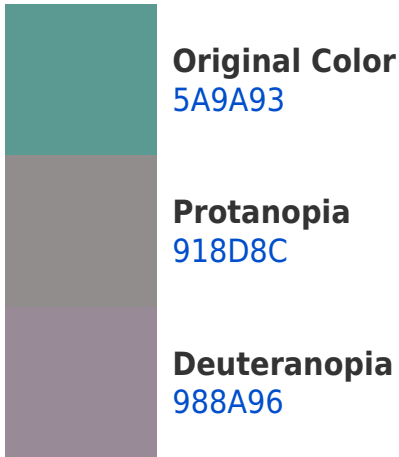


This preview shows how white text looks on a background with the Hex color 5A9A93.

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](#).

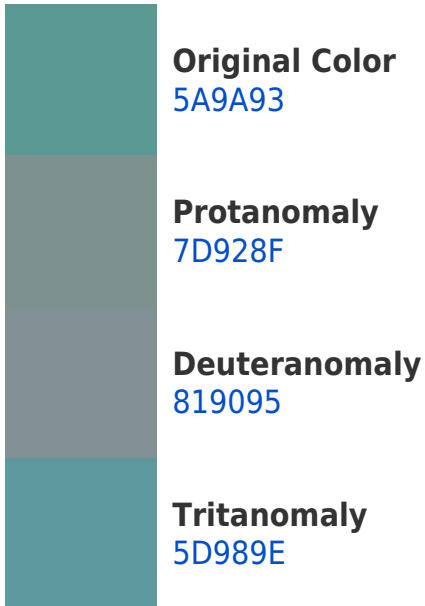
Dichromacy



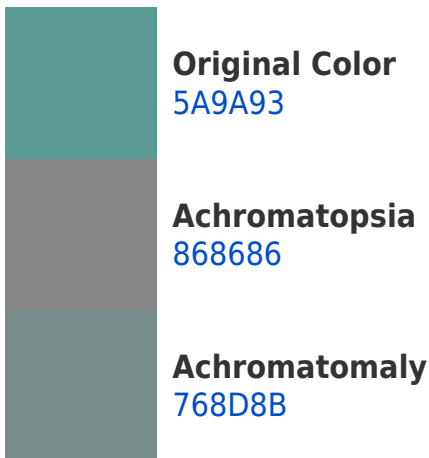


Tritanopia
5F97A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9A93 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 #5A9A93 looks like.

```
.text, #text, p{  
    color:#5A9A93  
}
```

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 #5A9A93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9A93
}
```

Border

The CSS property to change the border of an element to Hex 5A9A93 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
#5A9A93 }
```

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

```
.border{ border-color:#5A9A93 }
```

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

Here you see how a box with a 4 pixel #5A9A93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9A93; -webkit-box-shadow:4px 4px  
4px 4px #5A9A93; box-shadow:4px 4px 4px  
4px #5A9A93 }
```

Background

The CSS property to change the background color of an element to Hex 5A9A93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9A93 }
```

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

```
.background{ background-color:#5A9A93 }
```

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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