

# Converting Colors

Hex(5A9F85)

Have a look what the booklet for  
Hex(5A9F85) contains.

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**Color**

**Hex(5A9F85)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5A9F85                       |
| RGB         | 90, 159, 133                 |
| RGB Percent | 35%, 62%, 52%                |
| CMY         | 0.6471, 0.3765, 0.4784       |
| CMYK        | 0.43, 0.00, 0.16, 0.38       |
| HSL         | 157°, 28%, 49%               |
| HSV         | 157°, 43%, 62%               |
| XYZ         | 20.8482, 28.6634, 26.6241    |
| YIQ         | 135.4050, -32.7780, -22.7140 |

# Conversions

## Conversions Part 2

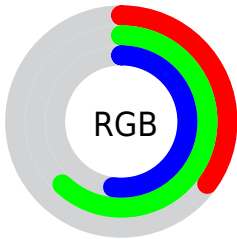
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 90, 133, 159                   |
| Decimal                             | 5939077                        |
| CIE <sub>Lab</sub>                  | 60.48, -28.13, 6.80            |
| CIE <sub>LCh</sub>                  | 60, 28.939, 166.403            |
| Yxy                                 | 28.6634, 0.2738,<br>0.3765     |
| Android<br>(android.graphics.Color) | 4284129157<br>(0xFF5A9F85)     |
| YUV                                 | 135.4050, -1.1857,<br>-39.8202 |
| Hunter-Lab                          | 53.5382, -24.1825,<br>7.9923   |

# Details

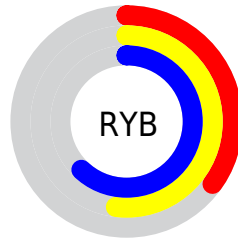
The Hex color **5A9F85** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F5A74**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8FD6BA**, and **256B54** is the 20% darker color. If you saturate the color by 10%, you get **4A9F7F**, and if you desaturate by 10%, it is **6A9F8B**.

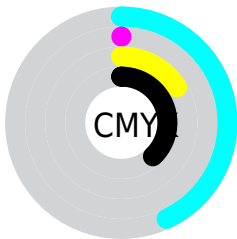
# Distribution



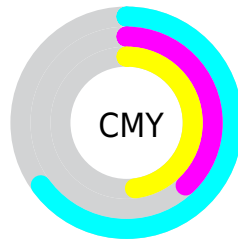
- Red (35%)
- Green (62%)
- Blue (52%)



- Red (35%)
- Yellow (52%)
- Blue (62%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (65%)
- Magenta (38%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A9F85 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 5A9F85 by changing the saturation by 10% instead.



 5A9F85

 5A9F85


FFFFFF

 40856C

 8FD6BA

 256B54

 ABF3D6

 01523C

 C7FFF2

 003B27

 E4FFFF

 002512

 000300

 000000

 5A9F85

 5A9F85

 4A9F7F

 6A9F8B

 3A9F79

 7A9F91

 2A9F73

 8A9F97

 1A9F6D

 9A9F9D

 0B9F67

 AA9FA3

 009F63

 B99FA9

 C99FAF

 D99FB5

 E99FBB

# Harmonies

## Analogous

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



789B6E



5A9F85



40A09F

# Triad

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



5A9F85



858FC3



BF846E

# Complementary

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



5A9F85



9F5A74

# 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.



C57F85



5A9F85



A786B5

# Square

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



5A9F85



5E98C3



BD809F



AE8C61

# Rectangle

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



5A9F85



3B9FAF



BD809F



C28275



# Sweetspot

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



5A9F85



B4CFC4



749F5A



586962



E8E8E8



696969



# Same Dimension

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



5A9F85



63CFA6



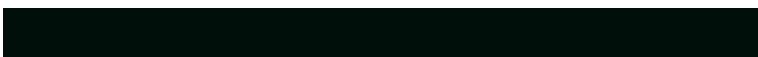
5A979F



474F4C



008F59



000F0A



# Inverse Universe

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



9F5A74



CF638C



9F625A



4F474A



8F0036

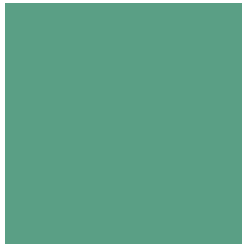


0F0006



# Previews

## White Background



This preview shows how the Hex color 5A9F85 looks on a white background.

## Color Contrast Check

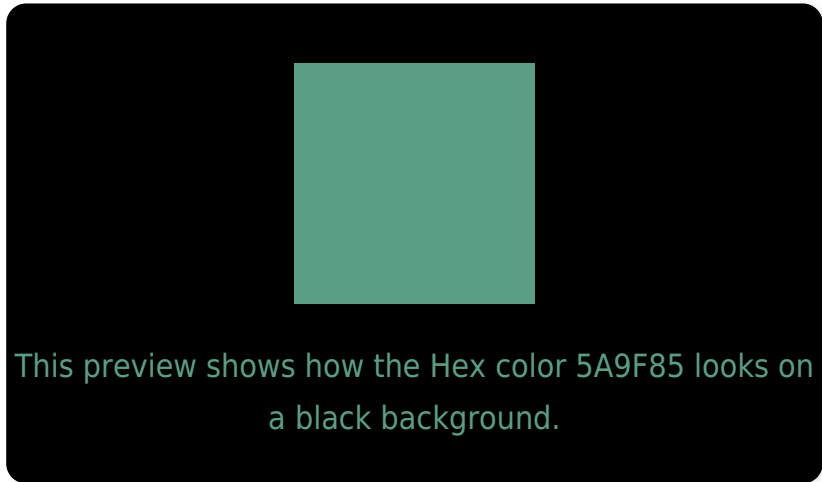
Large Text (above 18pt) WCAG AA ✓ Pass

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

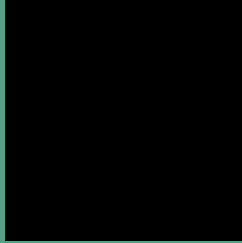
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5A9F85 Background



This preview shows how black text looks on a background with the Hex color 5A9F85.

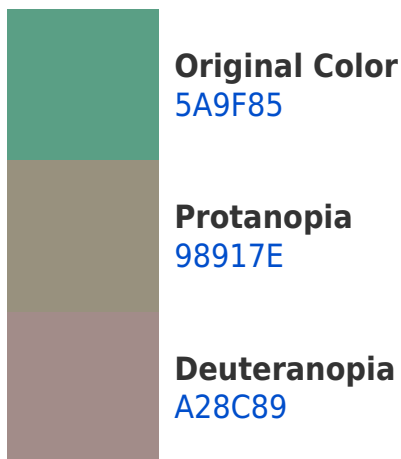


This preview shows how white text looks on a background with the Hex color 5A9F85.

# 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](#).

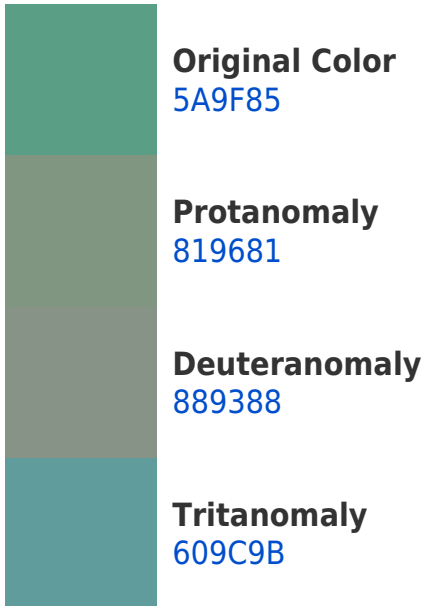
## Dichromacy



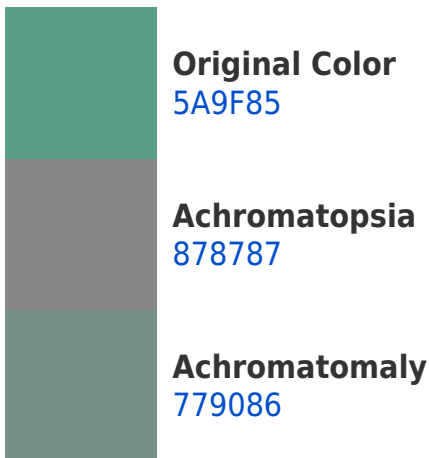


**Tritanopia**  
639AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A9F85 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 #5A9F85 looks like.

```
.text, #text, p{  
    color:#5A9F85  
}
```

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 #5A9F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9F85
}
```

## Border

The CSS property to change the border of an element to Hex 5A9F85 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
#5A9F85 }
```

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

```
.border{ border-color:#5A9F85 }
```

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

Here you see how a box with a 4 pixel #5A9F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9F85; -webkit-box-shadow:4px 4px  
4px 4px #5A9F85; box-shadow:4px 4px 4px  
4px #5A9F85 }
```

# Background

The CSS property to change the background color of an element to Hex 5A9F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9F85 }
```

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

```
.background{ background-color:#5A9F85 }
```

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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