

# Converting Colors

Hex(5D9A85)

Have a look what the booklet for  
Hex(5D9A85) contains.

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# Color

Hex(5D9A85)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D9A85
RGB	93, 154, 133
RGB Percent	36%, 60%, 52%
CMY	0.6353, 0.3961, 0.4784
CMYK	0.40, 0.00, 0.14, 0.40
HSL	159°, 25%, 48%
HSV	159°, 40%, 60%
XYZ	20.3034, 27.1318, 26.3572
YIQ	133.3670, -29.6150, -19.4630

# Conversions

## Conversions Part 2

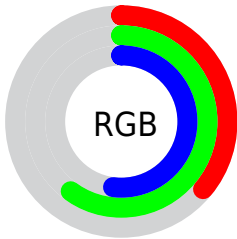
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 130, 154
Decimal	6134405
CIE <sub>Lab</sub>	59.10, -24.80, 4.83
CIE <sub>LCh</sub>	59, 25.265, 168.977
Yxy	27.1318, 0.2751, 0.3677
Android (android.graphics.Color)	4284324485 (0xFF5D9A85)
YUV	133.3670, -0.1809, -35.4019
Hunter-Lab	52.0882, -21.5769, 6.4604

# Details

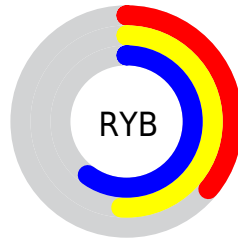
The Hex color **5D9A85** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A5D72**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **92D1BA**, and **296754** is the 20% darker color. If you saturate the color by 10%, you get **4E9A80**, and if you desaturate by 10%, it is **6C9A8A**.

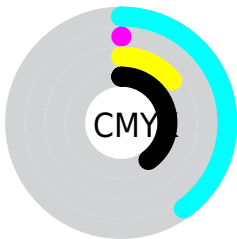
# Distribution



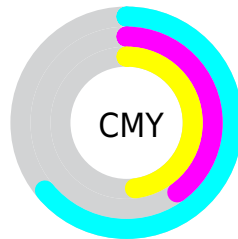
- Red (36%)
- Green (60%)
- Blue (52%)



- Red (36%)
- Yellow (51%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D9A85 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 5D9A85 by changing the saturation by 10% instead.





5D9A85



5D9A85

FFFFFF



43806C



92D1BA



296754



ADEDD6



0C4E3C



C9FFF2



003727



E6FFFF



002212



000000



5D9A85



5D9A85



4E9A80



6C9A8A



3E9A7A



7C9A90

■ 2F9A75

■ 8B9A95

■ 1F9A70

■ 9B9A9A

■ 109A6A

■ AA9AA0

■ 019A65

■ B99AA5

■ 009A65

■ C99AAA

■ D89AAF

■ E89AB5

# Harmonies

## Analogous

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



769771



5D9A85



4B9A9C

# Triad

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



5D9A85



868BB8



B5836E

# Complementary

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



5D9A85



9A5D72

# 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.



BB7E81



5D9A85



A284AC

# Square

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



5D9A85



6693B9



B57F97



A58A63

# Rectangle

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



5D9A85



4999A9



B57F97



B88173



# Sweetspot

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



5D9A85



B1C9C1



729A5D



586661



E6E6E6



666666



# Same Dimension

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



5D9A85



69C9A8



5D919A



454D4A



008C5C



000D08



# Inverse Universe

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



9A5D72



C9698A



9A665D



4D4547



8C0030



0D0004



# Previews

## White Background



This preview shows how the Hex color 5D9A85 looks on a white background.

## Color Contrast Check

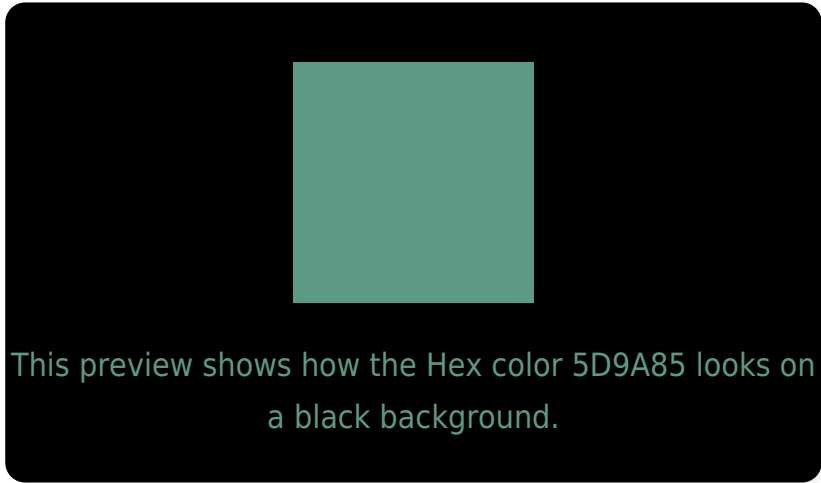
Large Text (above 18pt) WCAG AA ✓ Pass

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

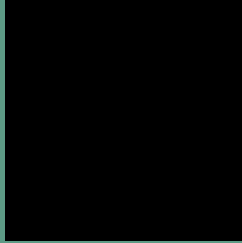
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D9A85 Background



This preview shows how black text looks on a background with the Hex color 5D9A85.

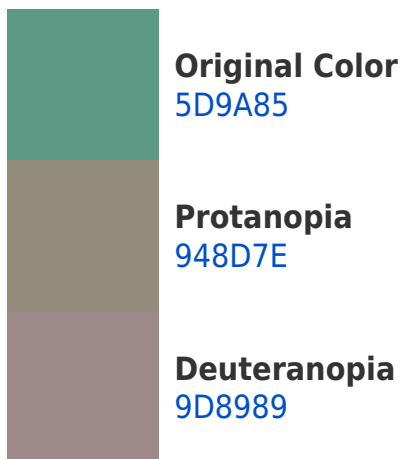


This preview shows how white text looks on a background with the Hex color 5D9A85.

# 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](#).

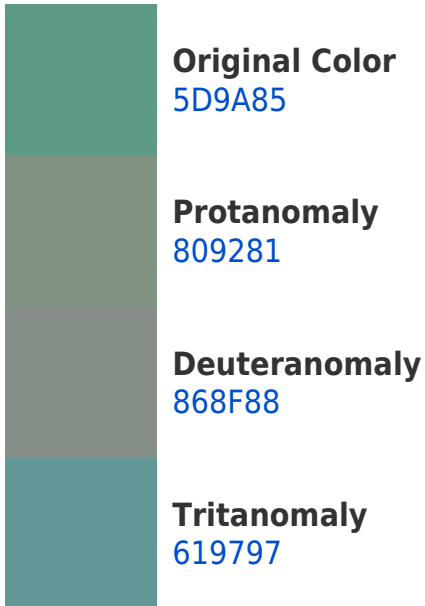
## Dichromacy





**Tritanopia**  
6496A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D9A85 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 #5D9A85 looks like.

```
.text, #text, p{  
    color:#5D9A85  
}
```

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 #5D9A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9A85
}
```

## Border

The CSS property to change the border of an element to Hex 5D9A85 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
#5D9A85 }
```

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

```
.border{ border-color:#5D9A85 }
```

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

Here you see how a box with a 4 pixel #5D9A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9A85; -webkit-box-shadow:4px 4px  
4px 4px #5D9A85; box-shadow:4px 4px 4px  
4px #5D9A85 }
```

# Background

The CSS property to change the background color of an element to Hex 5D9A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9A85 }
```

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

```
.background{ background-color:#5D9A85 }
```

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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