

# Converting Colors

Hex(5C9D87)

Have a look what the booklet for  
Hex(5C9D87) contains.

<b>Hex(5C9D87)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5C9D87)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C9D87
RGB	92, 157, 135
RGB Percent	36%, 62%, 53%
CMY	0.6392, 0.3843, 0.4706
CMYK	0.41, 0.00, 0.14, 0.38
HSL	160°, 26%, 49%
HSV	160°, 41%, 62%
XYZ	20.8438, 28.1385, 27.2544
YIQ	135.0570, -31.6780, -20.6220

# Conversions

## Conversions Part 2

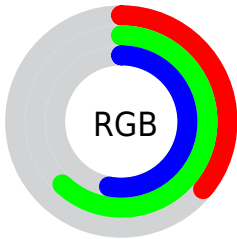
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 131, 157
Decimal	6069639
CIELab	60.01, -26.13, 5.01
CIELCh	60, 26.602, 169.136
Yxy	28.1385, 0.2734, 0.3691
Android (android.graphics.Color)	4284259719 (0xFF5C9D87)
YUV	135.0570, -0.0281, -37.7610
Hunter-Lab	53.0458, -22.6904, 6.6694

# Details

The Hex color **5C9D87** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D5C72**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **91D4BC**, and **286955** is the 20% darker color. If you saturate the color by 10%, you get **4C9D82**, and if you desaturate by 10%, it is **6C9D8C**.

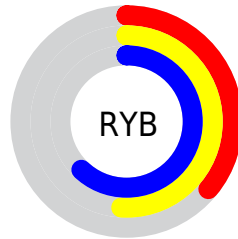
# Distribution



Red (36%)

Green (62%)

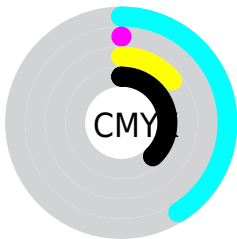
Blue (53%)



Red (36%)

Yellow (51%)

Blue (62%)

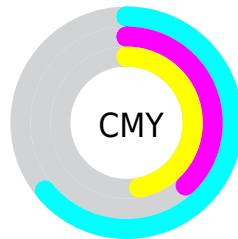


Cyan (41%)

Magenta (0%)

Yellow (14%)

Black (38%)



Cyan (64%)

Magenta (38%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C9D87 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 5C9D87 by changing the saturation by 10% instead.





5C9D87



5C9D87

FFFFFF



42836E



91D4BC



286955



ADF0D8



07513E



C9FFF4



003928



E5FFFF



002414



000000



5C9D87



5C9D87



4C9D82



6C9D8C



3D9D7C



7B9D92

 2D9D77

 8B9D97

 1D9D72

 9B9D9C

 0D9D6C

 AB9DA2

 009D68

 BA9DA7

 CA9DAC

 DA9DB2

 E99DB7

# Harmonies

## Analogous

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



779A71



5C9D87



489D9F

# Triad

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



5C9D87



888EBD



B9856E

# Complementary

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



5C9D87



9D5C72

# 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.



C08082



5C9D87



A685AF

# Square

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



5C9D87



6595BE



B9809A



A98C63

# Rectangle

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



5C9D87



469CAD



B9809A



BD8274



# Sweetspot

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



5C9D87



B4CCC4



739D5C



586661



E6E6E6



666666



# Same Dimension

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



5C9D87



66CCA9



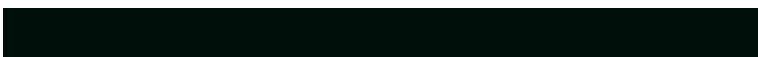
5C939D



474F4C



008F5E



000F0A



# Inverse Universe

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



9D5C72



CC6689



9D665C



4F474A



8F0030



0F0005



# Previews

## White Background



This preview shows how the Hex color 5C9D87 looks on a white background.

## Color Contrast Check

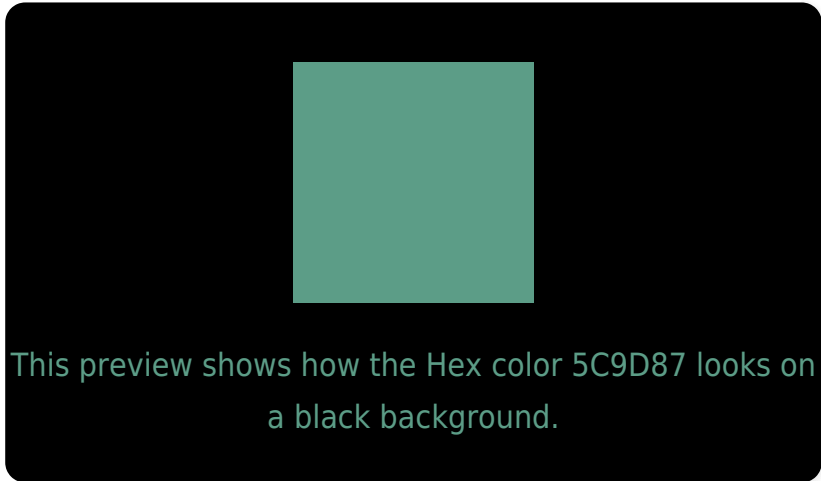
Large Text (above 18pt) WCAG AA ✓ Pass

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

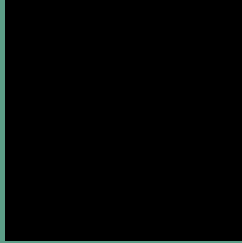
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C9D87 Background



This preview shows how black text looks on a background with the Hex color 5C9D87.



This preview shows how white text looks on a background with the Hex color 5C9D87.

# 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**  
6499A5

# Trichromacy



**Original Color**  
5C9D87

**Protanomaly**  
819483

**Deuteranomaly**  
87928A

**Tritanomaly**  
619A9A

# Monochromacy



**Original Color**  
5C9D87

**Achromatopsia**  
878787

**Achromatomaly**  
778F87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C9D87 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 #5C9D87 looks like.

```
.text, #text, p{  
    color:#5C9D87  
}
```

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 #5C9D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9D87
}
```

## Border

The CSS property to change the border of an element to Hex 5C9D87 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
#5C9D87 }
```

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

```
.border{ border-color:#5C9D87 }
```

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

Here you see how a box with a 4 pixel #5C9D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9D87; -webkit-box-shadow:4px 4px  
4px 4px #5C9D87; box-shadow:4px 4px 4px  
4px #5C9D87 }
```

# Background

The CSS property to change the background color of an element to Hex 5C9D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9D87 }
```

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

```
.background{ background-color:#5C9D87 }
```

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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