

Converting Colors

Hex(5D9A7A)

Have a look what the booklet for
Hex(5D9A7A) contains.

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Color

Hex(5D9A7A)

Conversions

Conversions Part 1

Format	Color
Hex	5D9A7A
RGB	93, 154, 122
RGB Percent	36%, 60%, 48%
CMY	0.6353, 0.3961, 0.5216
CMYK	0.40, 0.00, 0.21, 0.40
HSL	149°, 25%, 48%
HSV	149°, 40%, 60%
XYZ	19.5827, 26.8435, 22.5616
YIQ	132.1130, -26.0840, -22.8840

Conversions

Conversions Part 2

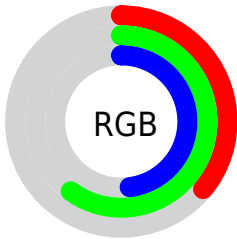
Format	Color
R_{YB}	93, 134, 154
Decimal	6134394
CIE _{Lab}	58.83, -27.23, 10.67
CIE _{LCh}	59, 29.242, 158.607
Yxy	26.8435, 0.2839, 0.3891
Android (android.graphics.Color)	4284324474 (0xFF5D9A7A)
YUV	132.1130, -4.9857, -34.3021
Hunter-Lab	51.8107, -23.2019, 10.4490

Details

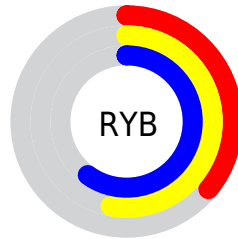
The Hex color **5D9A7A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A5D7D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **92D1AE**, and **2A6649** is the 20% darker color. If you saturate the color by 10%, you get **4E9A72**, and if you desaturate by 10%, it is **6C9A82**.

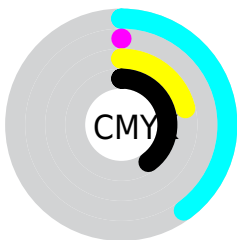
Distribution



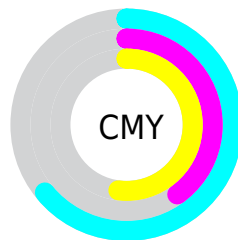
- Red (36%)
- Green (60%)
- Blue (48%)



- Red (36%)
- Yellow (53%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9A7A 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 5D9A7A by changing the saturation by 10% instead.



5D9A7A



5D9A7A

FFFFFF



438061



92D1AE



2A6649



ADEDCA



0D4E33



C9FFE6



00371D



E6FFFF



002205



000000



5D9A7A



5D9A7A



4E9A72



6C9A82



3E9A6A



7C9A8A

 2F9A62

 8B9A92

 1F9A5A

 9B9A9A

 109A52

 AA9AA2

 019A4A

 B99AAA

 009A49

 C99AB3

 D89ABB

 E89AC3

Harmonies

Analogous

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



7C9565



5D9A7A



3F9C94

Triad

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



5D9A7A



768DC0



BD7E6F

Complementary

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



5D9A7A



9A5D7D

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.



C07A87



5D9A7A



9A84B6

Square

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



5D9A7A



4E95BD



B47DA1



AF865E

Rectangle

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



5D9A7A



339BA5



B47DA1



C07C76

Sweetspot

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



5D9A7A



B1C9BD



7E9A5D



58665F



E6E6E6



666666

Same Dimension

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



5D9A7A



69C997



5D9A98



454D48



008C43



000D06

Inverse Universe

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



9A5D7D



C9699B



9A5D5F



4D4549



8C004A



0D0007

Previews

White Background



This preview shows how the Hex color 5D9A7A looks on a white background.

Color Contrast Check

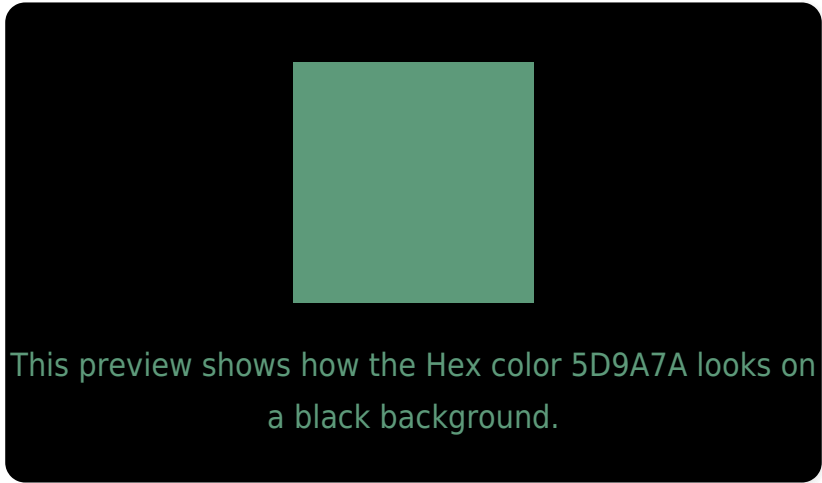
Large Text (above 18pt) WCAG AA ✓ Pass

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

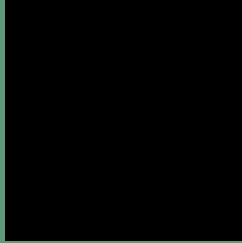
Any Text WCAG AA ✓ Pass

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 5D9A7A Background



This preview shows how black text looks on a background with the Hex color 5D9A7A.

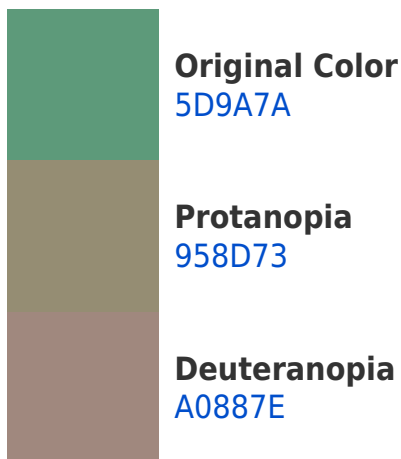


This preview shows how white text looks on a background with the Hex color 5D9A7A.

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
6695A1

Trichromacy



Original Color

5D9A7A



Protanomaly

819276



Deuteranomaly

888F7D



Tritanomaly

639793

Monochromacy



Original Color

5D9A7A



Achromatopsia

848484



Achromatomaly

768C80

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9A7A 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 #5D9A7A looks like.

```
.text, #text, p{  
    color:#5D9A7A  
}
```

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 #5D9A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9A7A
}
```

Border

The CSS property to change the border of an element to Hex 5D9A7A 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
#5D9A7A }
```

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

```
.border{ border-color:#5D9A7A }
```

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

Here you see how a box with a 4 pixel #5D9A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9A7A; -webkit-box-shadow:4px 4px  
4px 4px #5D9A7A; box-shadow:4px 4px 4px  
4px #5D9A7A }
```

Background

The CSS property to change the background color of an element to Hex 5D9A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9A7A }
```

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

```
.background{ background-color:#5D9A7A }
```

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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