

Converting Colors

Hex(5D9B7E)

Have a look what the booklet for
Hex(5D9B7E) contains.

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Color

Hex(5D9B7E)

Conversions

Conversions Part 1

Format	Color
Hex	5D9B7E
RGB	93, 155, 126
RGB Percent	36%, 61%, 49%
CMY	0.6353, 0.3922, 0.5059
CMYK	0.40, 0.00, 0.19, 0.39
HSL	152°, 25%, 49%
HSV	152°, 40%, 61%
XYZ	20.0014, 27.2762, 23.9493
YIQ	133.1560, -27.6430, -22.1630

Conversions

Conversions Part 2

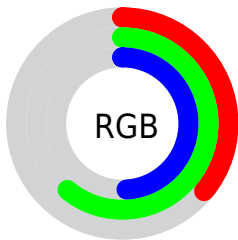
Format	Color
R_{YB}	93, 133, 155
Decimal	6134654
CIE _{Lab}	59.23, -26.86, 8.98
CIE _{LCh}	59, 28.322, 161.519
Yxy	27.2762, 0.2808, 0.3829
Android (android.graphics.Color)	4284324734 (0xFF5D9B7E)
YUV	133.1560, -3.5279, -35.2168
Hunter-Lab	52.2266, -23.0357, 9.3703

Details

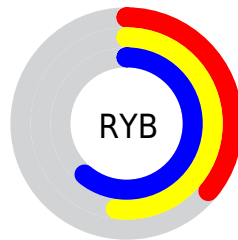
The Hex color **5D9B7E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B5D7A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **92D2B3**, and **2A674D** is the 20% darker color. If you saturate the color by 10%, you get **4E9B77**, and if you desaturate by 10%, it is **6C9B85**.

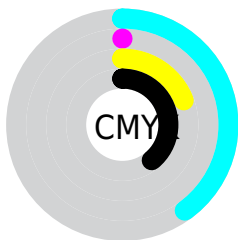
Distribution



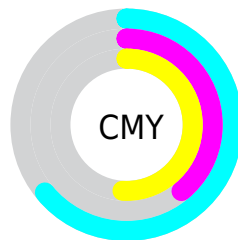
- Red (36%)
- Green (61%)
- Blue (49%)



- Red (36%)
- Yellow (52%)
- Blue (61%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (39%)



- Cyan (64%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9B7E 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 5D9B7E by changing the saturation by 10% instead.

 5D9B7E

 5D9B7E

FFFFFF

 438165

 92D2B3

 2A674D

 ADEECE

 0C4F36

 C9FFEA

 003821

 E6FFFF

 00230B

 000000

 5D9B7E

 5D9B7E

 4E9B77

 6C9B85

 3E9B6F

 7C9B8C

 2F9B68

 8B9B94

 1F9B61

 9B9B9B

 0F9B5A

 AB9BA2

 009B52

 BA9BAA

 CA9BB1

 D99BB8

 E89BBF

Harmonies

Analogous

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



7B9769



5D9B7E



429C98

Triad

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



5D9B7E



7C8EBF



BC806F

Complementary

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



5D9B7E



9B5D7A

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.



C07C86



5D9B7E



9E85B4

Square

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



5D9B7E



5695BD



B67E9F



AD8860

Rectangle

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



5D9B7E



3A9BA8



B67E9F



BF7E76

Sweetspot

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



5D9B7E



B1C9BE



7B9B5D



58665F



E6E6E6



666666

Same Dimension

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



5D9B7E



69C99C



5D9A9B



454D49



008C4B



000D07

Inverse Universe

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



9B5D7A



C96996



9B5E5D



4D4548



8C0042



0D0006

Previews

White Background



This preview shows how the Hex color 5D9B7E looks on a white background.

Color Contrast Check

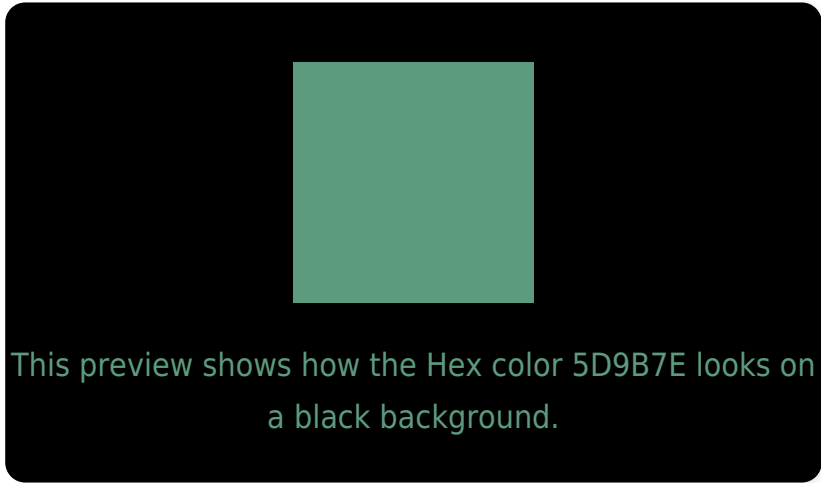
Large Text (above 18pt) WCAG AA ✓ Pass

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

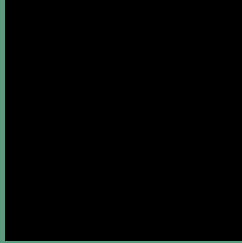
Any Text WCAG AA ✓ Pass

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 5D9B7E Background



This preview shows how black text looks on a background with the Hex color 5D9B7E.



This preview shows how white text looks on a background with the Hex color 5D9B7E.

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
6696A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9B7E 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 #5D9B7E looks like.

```
.text, #text, p{  
    color:#5D9B7E  
}
```

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 #5D9B7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9B7E
}
```

Border

The CSS property to change the border of an element to Hex 5D9B7E 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
#5D9B7E }
```

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

```
.border{ border-color:#5D9B7E }
```

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

Here you see how a box with a 4 pixel #5D9B7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9B7E; -webkit-box-shadow:4px 4px  
4px 4px #5D9B7E; box-shadow:4px 4px 4px  
4px #5D9B7E }
```

Background

The CSS property to change the background color of an element to Hex 5D9B7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9B7E }
```

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

```
.background{ background-color:#5D9B7E }
```

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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