

Converting Colors

Hex(5D8A7A)

Have a look what the booklet for
Hex(5D8A7A) contains.

Hex(5D8A7A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D8A7A)

Conversions

Conversions Part 1

Format	Color
Hex	5D8A7A
RGB	93, 138, 122
RGB Percent	36%, 54%, 48%
CMY	0.6353, 0.4588, 0.5216
CMYK	0.33, 0.00, 0.12, 0.46
HSL	159°, 19%, 45%
HSV	159°, 33%, 54%
XYZ	17.1155, 21.9093, 21.7392
YIQ	122.7210, -21.6840, -14.5160

Conversions

Conversions Part 2

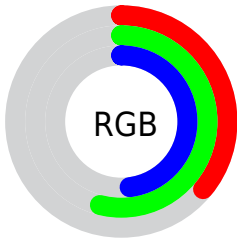
Format	Color
R_{YB}	93, 120, 138
Decimal	6130298
CIE _{Lab}	53.93, -19.08, 3.68
CIE _{LCh}	54, 19.426, 169.091
Yxy	21.9093, 0.2817, 0.3606
Android (android.graphics.Color)	4284320378 (0xFF5D8A7A)
YUV	122.7210, -0.3555, -26.0653
Hunter-Lab	46.8073, -16.6426, 5.2285

Details

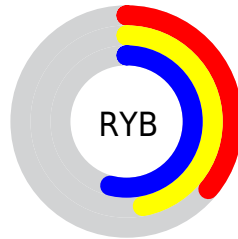
The Hex color **5D8A7A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A5D6D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **91C0AE**, and **2C5849** is the 20% darker color. If you saturate the color by 10%, you get **4F8A75**, and if you desaturate by 10%, it is **6B8A7F**.

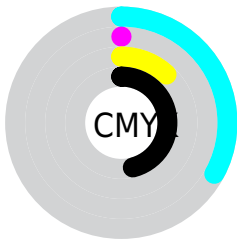
Distribution



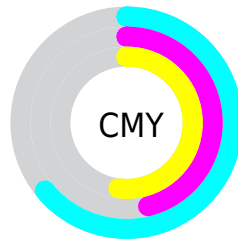
- Red (36%)
- Green (54%)
- Blue (48%)



- Red (36%)
- Yellow (47%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8A7A 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 5D8A7A by changing the saturation by 10% instead.



5D8A7A



5D8A7A

FFFFFF



447061



91C0AE



2C5849



ACDCCA



144033



C7F8E6



002A1E



E4FFFF



001605



000000



5D8A7A



5D8A7A



4F8A75



6B8A7F



418A70



798A84

■ 348A6B

■ 868A89

■ 268A66

■ 948A8E

■ 188A61

■ A28A93

■ 0A8A5D

■ B08A97

■ 008A59

■ BE8A9C

■ CB8AA1

■ D98AA6

Harmonies

Analogous

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



6F886B



5D8A7A



528A8B

Triad

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



5D8A7A



7B7FA0



9F7868

Complementary

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



5D8A7A



8A5D6D

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.



A37577



5D8A7A



907997

Square

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



5D8A7A



6584A1



9E7588



937E60

Rectangle

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



5D8A7A



518995



9E7588



A1776D

Sweetspot

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



5D8A7A



A1B3AC



6E8A5D



4F5955



D9D9D9



595959

Same Dimension

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



5D8A7A



6DB39A



5D848A



3E4542



008555



000503

Inverse Universe

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



8A5D6D



B36D86



8A635D



453E40



85002F



050002

Previews

White Background



This preview shows how the Hex color 5D8A7A looks on a white background.

Color Contrast Check

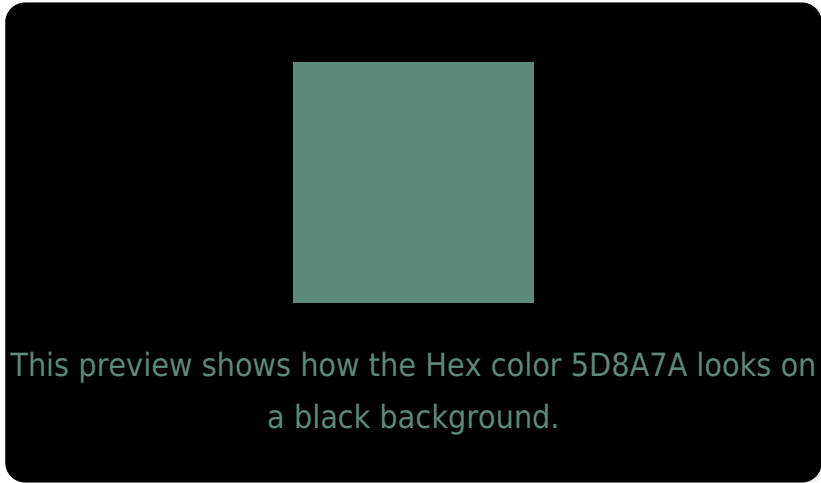
Large Text (above 18pt) WCAG AA ✓ Pass

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

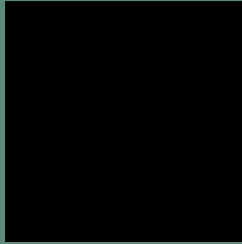
Any Text WCAG AA ✓ Pass

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 5D8A7A Background



This preview shows how black text looks on a background with the Hex color 5D8A7A.

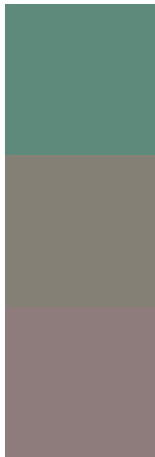


This preview shows how white text looks on a background with the Hex color 5D8A7A.

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



Original Color
5D8A7A

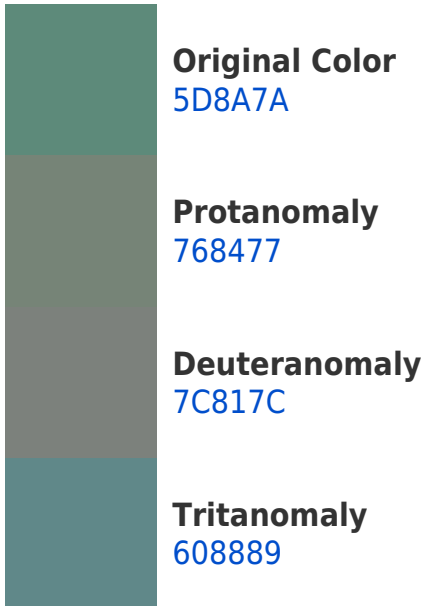
Protanopia
858075

Deuteranopia
8E7C7D



Tritanopia
628791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8A7A 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 #5D8A7A looks like.

```
.text, #text, p{  
    color:#5D8A7A  
}
```

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 #5D8A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8A7A
}
```

Border

The CSS property to change the border of an element to Hex 5D8A7A 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
#5D8A7A }
```

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

```
.border{ border-color:#5D8A7A }
```

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

Here you see how a box with a 4 pixel #5D8A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8A7A; -webkit-box-shadow:4px 4px  
4px 4px #5D8A7A; box-shadow:4px 4px 4px  
4px #5D8A7A }
```

Background

The CSS property to change the background color of an element to Hex 5D8A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8A7A }
```

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

```
.background{ background-color:#5D8A7A }
```

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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