

Converting Colors

Hex(5D8E81)

Have a look what the booklet for
Hex(5D8E81) contains.

Hex(5D8E81)	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(5D8E81)

Conversions

Conversions Part 1

Format	Color
Hex	5D8E81
RGB	93, 142, 129
RGB Percent	36%, 56%, 51%
CMY	0.6353, 0.4431, 0.4941
CMYK	0.35, 0.00, 0.09, 0.44
HSL	164°, 21%, 46%
HSV	164°, 35%, 56%
XYZ	18.1496, 23.2581, 24.3016
YIQ	125.8670, -25.0310, -14.4310

Conversions

Conversions Part 2

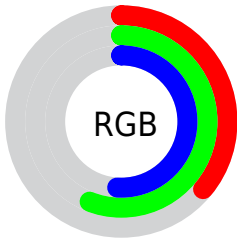
Format	Color
R_{YB}	93, 121, 142
Decimal	6131329
CIE _{Lab}	55.34, -19.56, 1.68
CIE _{LCh}	55, 19.635, 175.096
Yxy	23.2581, 0.2762, 0.3540
Android (android.graphics.Color)	4284321409 (0xFF5D8E81)
YUV	125.8670, 1.5446, -28.8244
Hunter-Lab	48.2267, -17.2200, 3.8823

Details

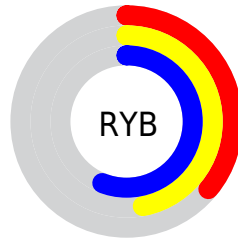
The Hex color **5D8E81** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E5D6A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **91C4B6**, and **2B5C50** is the 20% darker color. If you saturate the color by 10%, you get **4F8E7D**, and if you desaturate by 10%, it is **6B8E85**.

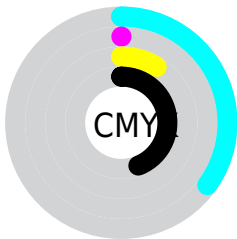
Distribution



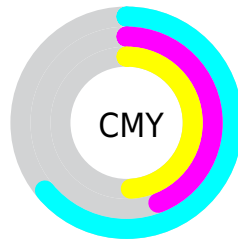
- Red (36%)
- Green (56%)
- Blue (51%)



- Red (36%)
- Yellow (47%)
- Blue (56%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8E81 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 5D8E81 by changing the saturation by 10% instead.

 5D8E81

 5D8E81

FFFFFF

 447468

 91C4B6

 2B5C50

 ACE0D1

 124439

 C8FDEE

 002D24

 E4FFFF

 001A0E

 000000

 5D8E81

 5D8E81

 4F8E7D

 6B8E85

 418E79

 798E89

■ 328E76

■ 888E8C

■ 248E72

■ 968E90

■ 168E6E

■ A48E94

■ 088E6A

■ B28E98

■ 008E68

■ C08E9B

■ CF8E9F

■ DD8EA3

Harmonies

Analogous

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



6E8C71



5D8E81



548E92

Triad

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



5D8E81



8481A3



A17D69

Complementary

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



5D8E81



8E5D6A

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.



A77977



5D8E81



987C98

Square

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



5D8E81



6C87A6



A47888



948263

Rectangle

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



5D8E81



568C9C



A47888



A47B6D

Sweetspot

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



5D8E81



A5B8B3



6A8E5D



515C59



DBDBDB



5C5C5C

Same Dimension

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



5D8E81



6CB8A4



5D838E



404746



008763



000806

Inverse Universe

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



8E5D6A



B86C80



8E685D



474042



870024



080002

Previews

White Background



This preview shows how the Hex color 5D8E81 looks on a white background.

Color Contrast Check

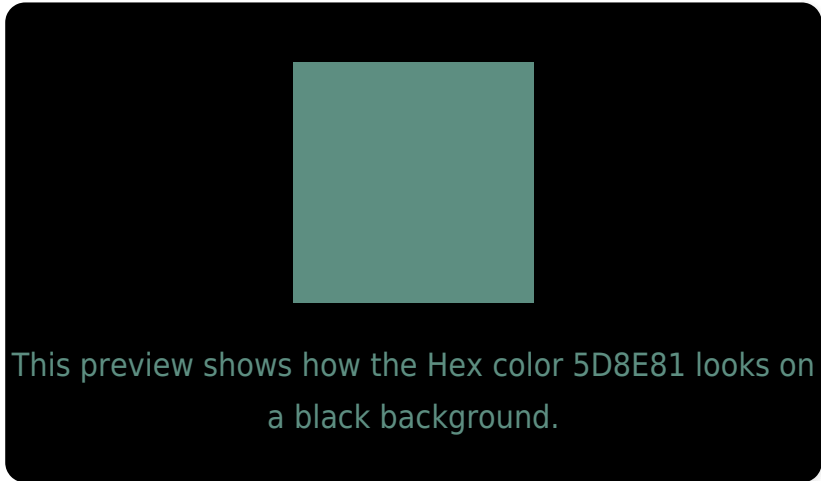
Large Text (above 18pt) WCAG AA ✓ Pass

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

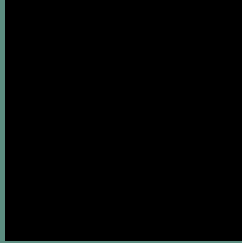
Any Text WCAG AA ✓ Pass

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 5D8E81 Background



This preview shows how black text looks on a background with the Hex color 5D8E81.

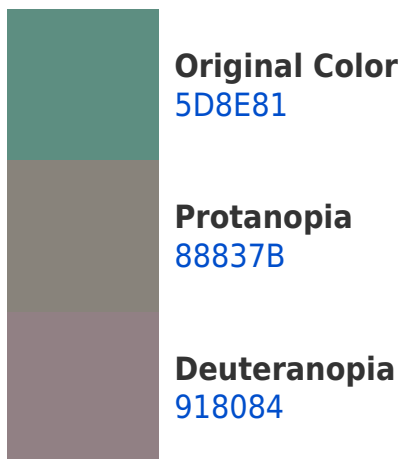


This preview shows how white text looks on a background with the Hex color 5D8E81.

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
628B96

Trichromacy



Original Color
5D8E81

Protanomaly
78877D

Deuteranomaly
7E8583

Tritanomaly
608C8E

Monochromacy



Original Color
5D8E81

Achromatopsia
7E7E7E

Achromatomaly
72847F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8E81 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 #5D8E81 looks like.

```
.text, #text, p{  
    color:#5D8E81  
}
```

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 #5D8E81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8E81
}
```

Border

The CSS property to change the border of an element to Hex 5D8E81 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
#5D8E81 }
```

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

```
.border{ border-color:#5D8E81 }
```

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

Here you see how a box with a 4 pixel #5D8E81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8E81; -webkit-box-shadow:4px 4px  
4px 4px #5D8E81; box-shadow:4px 4px 4px  
4px #5D8E81 }
```

Background

The CSS property to change the background color of an element to Hex 5D8E81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8E81 }
```

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

```
.background{ background-color:#5D8E81 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor