

Converting Colors

Hex(5E7A6A)

Have a look what the booklet for
Hex(5E7A6A) contains.

Hex(5E7A6A)	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(5E7A6A)

Conversions

Conversions Part 1

Format	Color
Hex	5E7A6A
RGB	94, 122, 106
RGB Percent	37%, 48%, 42%
CMY	0.6314, 0.5216, 0.5843
CMYK	0.23, 0.00, 0.13, 0.52
HSL	146°, 13%, 42%
HSV	146°, 23%, 48%
XYZ	14.1771, 17.3394, 16.2353
YIQ	111.8040, -11.5520, -10.9120

Conversions

Conversions Part 2

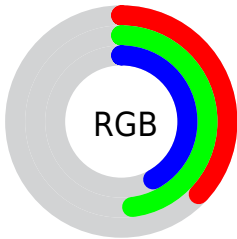
Format	Color
R _Y B	94, 114, 122
Decimal	6191722
CIE Lab	48.68, -13.65, 5.47
CIE LCh	49, 14.702, 158.154
Yxy	17.3394, 0.2969, 0.3631
Android (android.graphics.Color)	4284381802 (0xFF5E7A6A)
YUV	111.8040, -2.8614, -15.6141
Hunter-Lab	41.6406, -12.0980, 6.0317

Details

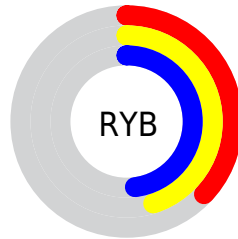
The Hex color **5E7A6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5E6E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **91AE9D**, and **2F493B** is the 20% darker color. If you saturate the color by 10%, you get **527A63**, and if you desaturate by 10%, it is **6A7A71**.

Distribution



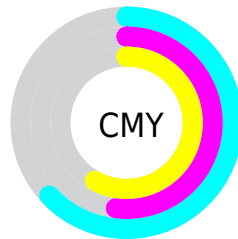
- Red (37%)
- Green (48%)
- Blue (42%)



- Red (37%)
- Yellow (45%)
- Blue (48%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7A6A 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 5E7A6A by changing the saturation by 10% instead.



5E7A6A



5E7A6A

FFFFFF



466152



91AE9D



2F493B



ACCAB8



193325



C7E6D4



021E10



E3FFF0



000000



5E7A6A



5E7A6A



527A63



6A7A71



467A5C



767A78



397A55



837A7F

■ 2D7A4E

■ 8F7A86

■ 217A47

■ 9B7A8D

■ 157A40

■ A77A94

■ 097A39

■ B37A9B

■ 007A34

■ C07AA2

■ CC7AA9

Harmonies

Analogous

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



6C7860



5E7A6A



547B77

Triad

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



5E7A6A



6A748C



8C6C65

Complementary

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



5E7A6A



7A5E6E

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.



8D6B71



5E7A6A



7A6F87

Square

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



5E7A6A



5B778A



876C7D



85705D

Rectangle

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



5E7A6A



527A7F



876C7D



8D6C68

Sweetspot

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



5E7A6A



939E98



6E7A5E



494F4B



CFCFCF



4F4F4F

Same Dimension

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



5E7A6A



729E85



5E7A78



373D3A



007D36



00FC6C

Inverse Universe

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



7A5E6E



9E728B



7A5E60



3D373B



7D0047



FC0090

Previews

White Background



This preview shows how the Hex color 5E7A6A looks on a white background.

Color Contrast Check

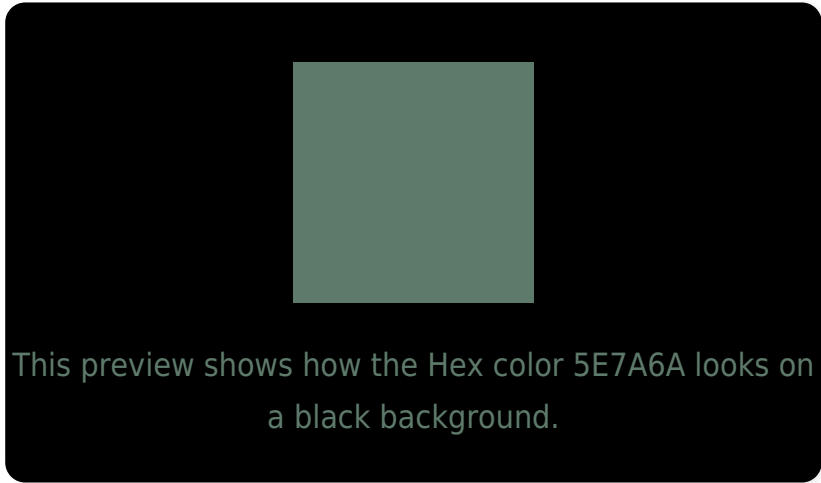
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

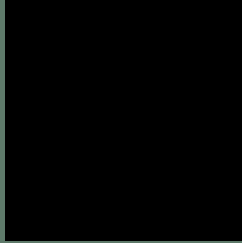
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

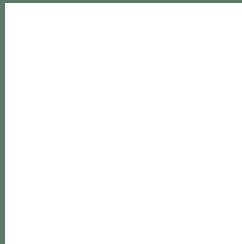
Any Text WCAG AAA × Fail

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

Hex 5E7A6A Background



This preview shows how black text looks on a background with the Hex color 5E7A6A.

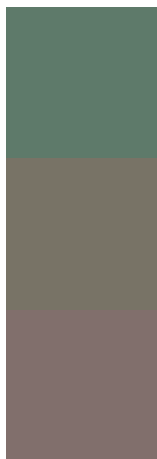


This preview shows how white text looks on a background with the Hex color 5E7A6A.

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
5E7A6A

Protanopia
787366

Deuteranopia
816F6C



Tritanopia
627780

Trichromacy



Original Color
5E7A6A

Protanomaly
6F7667

Deuteranomaly
74736B

Tritanomaly
617878

Monochromacy



Original Color
5E7A6A

Achromatopsia
707070

Achromatomaly
69746E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7A6A 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 #5E7A6A looks like.

```
.text, #text, p{  
    color:#5E7A6A  
}
```

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 #5E7A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7A6A
}
```

Border

The CSS property to change the border of an element to Hex 5E7A6A 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
#5E7A6A }
```

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

```
.border{ border-color:#5E7A6A }
```

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

Here you see how a box with a 4 pixel #5E7A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7A6A; -webkit-box-shadow:4px 4px  
4px 4px #5E7A6A; box-shadow:4px 4px 4px  
4px #5E7A6A }
```

Background

The CSS property to change the background color of an element to Hex 5E7A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7A6A }
```

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

```
.background{ background-color:#5E7A6A }
```

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