

Converting Colors

Hex(5A7667)

Have a look what the booklet for
Hex(5A7667) contains.

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Color

Hex(5A7667)

Conversions

Conversions Part 1

Format	Color
Hex	5A7667
RGB	90, 118, 103
RGB Percent	35%, 46%, 40%
CMY	0.6471, 0.5373, 0.5961
CMYK	0.24, 0.00, 0.13, 0.54
HSL	148°, 13%, 41%
HSV	148°, 24%, 46%
XYZ	13.1431, 16.1098, 15.2488
YIQ	107.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

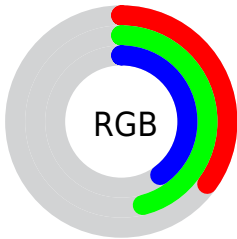
Format	Color
R_{YB}	90, 109, 118
Decimal	5928551
CIE _{Lab}	47.12, -13.50, 4.96
CIE _{LCh}	47, 14.387, 159.821
Yxy	16.1098, 0.2953, 0.3620
Android (android.graphics.Color)	4284118631 (0xFF5A7667)
YUV	107.9180, -2.4246, -15.7141
Hunter-Lab	40.1370, -11.7891, 5.5706

Details

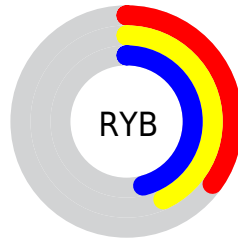
The Hex color **5A7667** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **765A69**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8DAA9A**, and **2B4638** is the 20% darker color. If you saturate the color by 10%, you get **4E7661**, and if you desaturate by 10%, it is **66766D**.

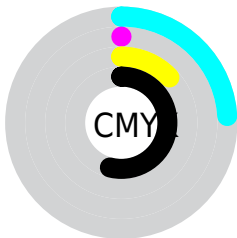
Distribution



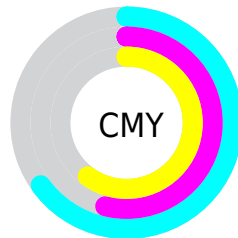
- Red (35%)
- Green (46%)
- Blue (40%)



- Red (35%)
- Yellow (43%)
- Blue (46%)



- Cyan (24%)
- Magenta (0%)
- Yellow (13%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7667 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 5A7667 by changing the saturation by 10% instead.



5A7667



5A7667

FFFFFF



425D4F



8DAA9A



2B4638



A7C6B5



162F23



C2E2D0



001B0D



DEFEED



000000



FBFFFF



5A7667



5A7667



4E7661



66766D



42765A



727674

■ 377654

■ 7D767A

■ 2B764E

■ 897680

■ 1F7647

■ 957687

■ 137641

■ A1768D

■ 07763B

■ AD7693

■ 007637

■ B8769A

■ C476A0

Harmonies

Analogous

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



67745D



5A7667



517773

Triad

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



5A7667



676F87



886961

Complementary

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



5A7667



765A69

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.



89676C



5A7667



776B82

Square

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



5A7667



587386



836878



806C59

Rectangle

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



5A7667



4F767B



836878



896864

Sweetspot

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



5A7667



8E9993



69765A



464D49



CCCCCC



4D4D4D

Same Dimension

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



5A7667



6E9982



5A7675



353B38



007A39



00FA74

Inverse Universe

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



765A69



996E85



765A5B



3B3538



7A0042



FA0086

Previews

White Background



This preview shows how the Hex color 5A7667 looks on a white background.

Color Contrast Check

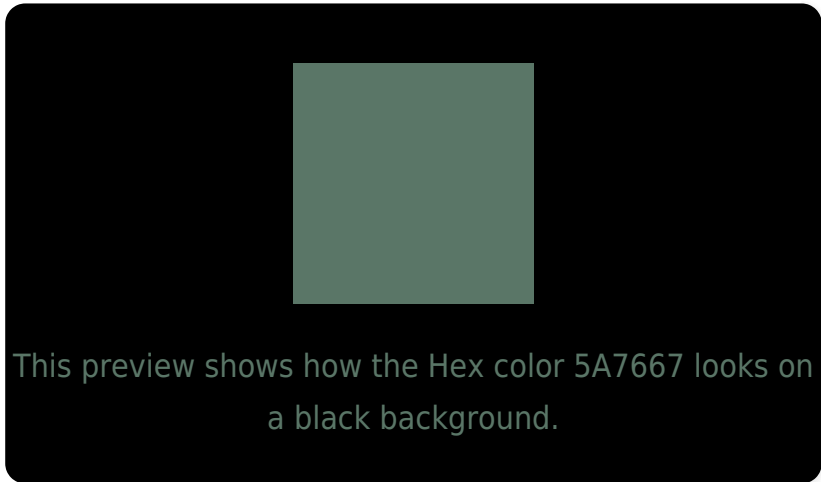
Large Text (above 18pt) WCAG AA ✓ Pass

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

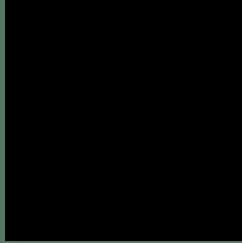
Any Text WCAG AA × Fail

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 5A7667 Background



This preview shows how black text looks on a background with the Hex color 5A7667.

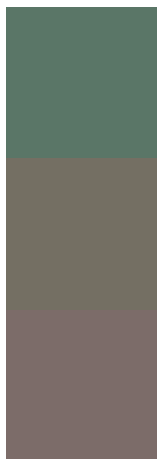


This preview shows how white text looks on a background with the Hex color 5A7667.

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


5A7667

Protanopia

746F63

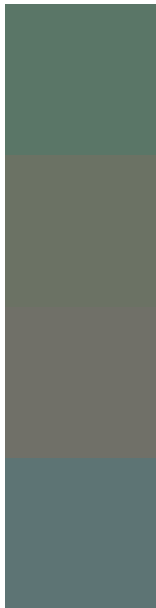
Deuteranopia

7C6C69



Tritanopia
5E737C

Trichromacy



Original Color
5A7667

Protanomaly
6B7264

Deuteranomaly
707068

Tritanomaly
5D7474

Monochromacy



Original Color
5A7667

Achromatopsia
6C6C6C

Achromatomaly
65706A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7667 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 #5A7667 looks like.

```
.text, #text, p{  
    color:#5A7667  
}
```

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 #5A7667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7667
}
```

Border

The CSS property to change the border of an element to Hex 5A7667 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
#5A7667 }
```

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

```
.border{ border-color:#5A7667 }
```

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

Here you see how a box with a 4 pixel #5A7667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7667; -webkit-box-shadow:4px 4px  
4px 4px #5A7667; box-shadow:4px 4px 4px  
4px #5A7667 }
```

Background

The CSS property to change the background color of an element to Hex 5A7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7667 }
```

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

```
.background{ background-color:#5A7667 }
```

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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