

Converting Colors

Hex(5E766B)

Have a look what the booklet for
Hex(5E766B) contains.

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Color

Hex(5E766B)

Conversions

Conversions Part 1

Format	Color
Hex	5E766B
RGB	94, 118, 107
RGB Percent	37%, 46%, 42%
CMY	0.6314, 0.5373, 0.5804
CMYK	0.20, 0.00, 0.09, 0.54
HSL	152°, 11%, 42%
HSV	152°, 20%, 46%
XYZ	13.7484, 16.3981, 16.3504
YIQ	109.5700, -10.7730, -8.5090

Conversions

Conversions Part 2

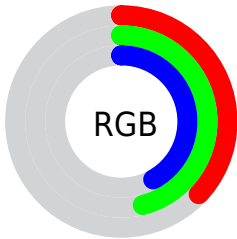
Format	Color
R_{YB}	94, 110, 118
Decimal	6190699
CIE Lab	47.49, -11.21, 3.16
CIE LCh	47, 11.646, 164.231
Yxy	16.3981, 0.2957, 0.3527
Android (android.graphics.Color)	4284380779 (0xFF5E766B)
YUV	109.5700, -1.2670, -13.6549
Hunter-Lab	40.4946, -10.2626, 4.4067

Details

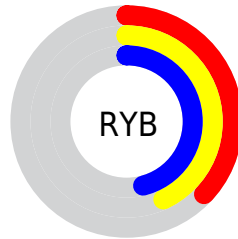
The Hex color **5E766B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **765E69**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **91AA9E**, and **2F463C** is the 20% darker color. If you saturate the color by 10%, you get **527666**, and if you desaturate by 10%, it is **6A7670**.

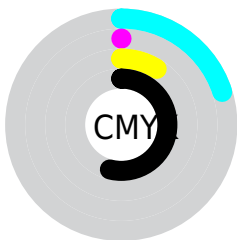
Distribution



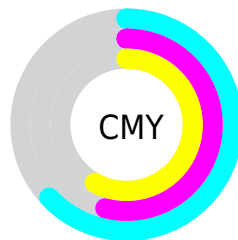
- Red (37%)
- Green (46%)
- Blue (42%)



- Red (37%)
- Yellow (43%)
- Blue (46%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (54%)



- Cyan (63%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E766B 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 5E766B by changing the saturation by 10% instead.



5E766B



5E766B

FFFFFF



465D53



91AA9E



2F463C



ABC5B9



1A2F26



C7E1D5



021B11



E3FEF1



000000



5E766B



5E766B



527666



6A7670



467660



767676



3B765B



81767B

■ 2F7655

■ 8D7681

■ 237650

■ 997686

■ 17764B

■ A5768B

■ 0B7645

■ B17691

■ 007640

■ BC7696

■ C8769C

Harmonies

Analogous

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



687462



5E766B



587675

Triad

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



5E766B



6C7083



846B63

Complementary

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



5E766B



765E69

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.



856A6C



5E766B



786D7F

Square

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



5E766B



607383



816A76



7D6E5E

Rectangle

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



5E766B



57767B



816A76



856B66

Sweetspot

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



5E766B



909995



69765E



474D4A



CCCCCC



4D4D4D

Same Dimension

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



5E766B



749988



5E7576



353B38



007A42



00FA87

Inverse Universe

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



765E69



997485



765F5E



3B3537



7A0038



FA0073

Previews

White Background



This preview shows how the Hex color 5E766B looks on a white background.

Color Contrast Check

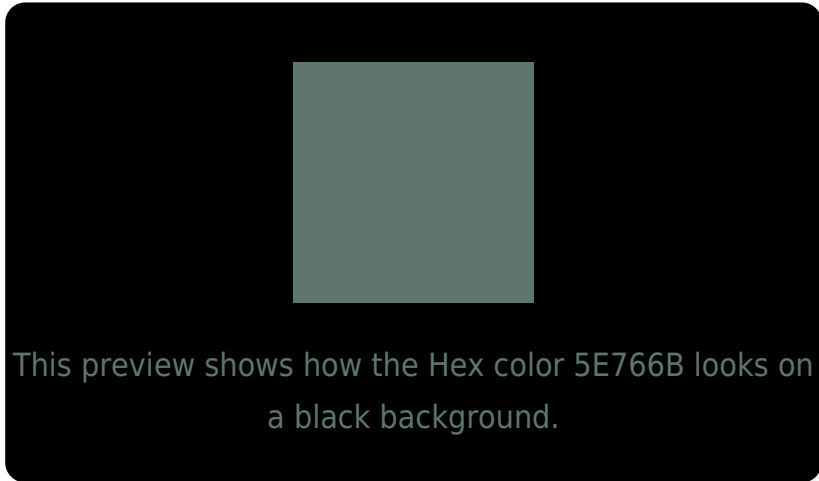
Large Text (above 18pt) WCAG AA ✓ Pass

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

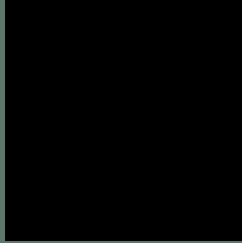
Any Text WCAG AA × Fail

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 5E766B Background



This preview shows how black text looks on a background with the Hex color 5E766B.



This preview shows how white text looks on a background with the Hex color 5E766B.

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
5E766B

Protanopia
747068

Deuteranopia
7C6D6D



Tritanopia
61737D

Trichromacy



Original Color
5E766B

Protanomaly
6C7269

Deuteranomaly
71706C

Tritanomaly
607476

Monochromacy



Original Color
5E766B

Achromatopsia
6E6E6E

Achromatomaly
68716D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E766B 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 #5E766B looks like.

```
.text, #text, p{  
    color:#5E766B  
}
```

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 #5E766B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E766B
}
```

Border

The CSS property to change the border of an element to Hex 5E766B 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
#5E766B }
```

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

```
.border{ border-color:#5E766B }
```

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

Here you see how a box with a 4 pixel #5E766B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E766B; -webkit-box-shadow:4px 4px  
4px 4px #5E766B; box-shadow:4px 4px 4px  
4px #5E766B }
```

Background

The CSS property to change the background color of an element to Hex 5E766B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E766B }
```

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

```
.background{ background-color:#5E766B }
```

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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