

Converting Colors

Hex(5E8063)

Have a look what the booklet for
Hex(5E8063) contains.

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Color

Hex(5E8063)

Conversions

Conversions Part 1

Format	Color
Hex	5E8063
RGB	94, 128, 99
RGB Percent	37%, 50%, 39%
CMY	0.6314, 0.4980, 0.6118
CMYK	0.27, 0.00, 0.23, 0.50
HSL	129°, 15%, 44%
HSV	129°, 27%, 50%
XYZ	14.5874, 18.7189, 14.6486
YIQ	114.5280, -10.9550, -16.2270

Conversions

Conversions Part 2

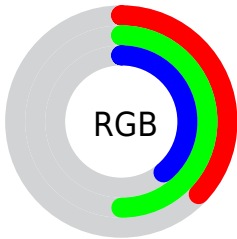
Format	Color
R_{YB}	94, 124, 128
Decimal	6193251
CIE _{Lab}	50.36, -18.32, 11.93
CIE _{LCh}	50, 21.860, 146.933
Yxy	18.7189, 0.3042, 0.3903
Android (android.graphics.Color)	4284383331 (0xFF5E8063)
YUV	114.5280, -7.6553, -18.0031
Hunter-Lab	43.2653, -15.5310, 10.2115

Details

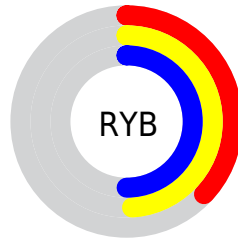
The Hex color **5E8063** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **805E7B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **91B596**, and **2F4F34** is the 20% darker color. If you saturate the color by 10%, you get **518058**, and if you desaturate by 10%, it is **6B806E**.

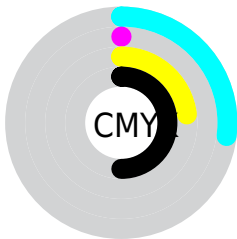
Distribution



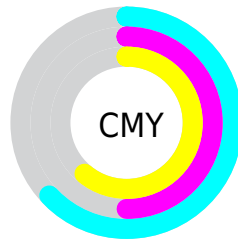
- Red (37%)
- Green (50%)
- Blue (39%)



- Red (37%)
- Yellow (49%)
- Blue (50%)



- Cyan (27%)
- Magenta (0%)
- Yellow (23%)
- Black (50%)



- Cyan (63%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8063 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 5E8063 by changing the saturation by 10% instead.

 5E8063

 5E8063

FFFFFF

 46674B

 91B596

 2F4F34

 ACD1B1

 18381F

 C7EDCC

 022208

 E4FFE8


 000200

 000000

 5E8063

 5E8063

 518058

 6B806E

 44804D

 788079

 388042


 848084

 2B8037

 91808F

 1E802C

 9E809A

 118021

 AB80A5

 048017

 B880AF

 008013

 C480BA

 D180C5

Harmonies

Analogous

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



737C56



5E8063



4A8275

Triad

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



5E8063



5D7A9D



9D6B68

Complementary

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



5E8063



805E7B

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.



9B6A7A



5E8063



787499

Square

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



5E8063



467F96



8E6E8C



967059

Rectangle

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



5E8063



408282



8E6E8C



9D6A6E

Sweetspot

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



5E8063



98A69A



7B805E



4C544D



D4D4D4



545454

Same Dimension

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



5E8063



71A679



5E8074



39403A



008013



000000

Inverse Universe

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



805E7B



A6719E



805E6A



40393F



80006D



000000

Previews

White Background



This preview shows how the Hex color 5E8063 looks on a white background.

Color Contrast Check

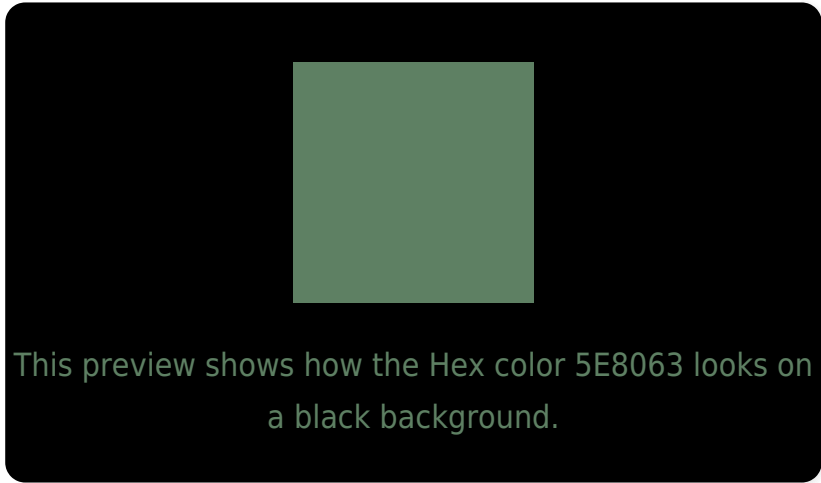
Large Text (above 18pt) WCAG AA ✓ Pass

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

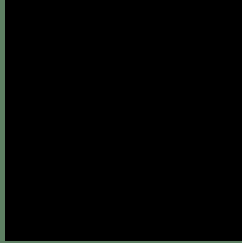
Any Text WCAG AA ✓ Pass

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 5E8063 Background



This preview shows how black text looks on a background with the Hex color 5E8063.



This preview shows how white text looks on a background with the Hex color 5E8063.

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
5E8063

Protanopia
7F775F

Deuteranopia
897366



Tritanopia
647B85

Trichromacy



Original Color
5E8063

Protanomaly
737A60

Deuteranomaly
797865

Tritanomaly
627D79

Monochromacy



Original Color
5E8063

Achromatopsia
737373

Achromatomaly
6B786D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8063 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 #5E8063 looks like.

```
.text, #text, p{  
    color:#5E8063  
}
```

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 #5E8063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8063  
}
```

Border

The CSS property to change the border of an element to Hex 5E8063 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  
#5E8063 }
```

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

```
.border{ border-color:#5E8063 }
```

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

Here you see how a box with a 4 pixel #5E8063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8063; -webkit-box-shadow:4px 4px  
4px 4px #5E8063; box-shadow:4px 4px 4px  
4px #5E8063 }
```

Background

The CSS property to change the background color of an element to Hex 5E8063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8063 }
```

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

```
.background{ background-color:#5E8063 }
```

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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