

# Converting Colors

Hex(5E8066)

Have a look what the booklet for  
Hex(5E8066) contains.

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# Color

Hex(5E8066)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E8066
RGB	94, 128, 102
RGB Percent	37%, 50%, 40%
CMY	0.6314, 0.4980, 0.6000
CMYK	0.27, 0.00, 0.20, 0.50
HSL	134°, 15%, 44%
HSV	134°, 27%, 50%
XYZ	14.7335, 18.7773, 15.4182
YIQ	114.8700, -11.9180, -15.2940

# Conversions

## Conversions Part 2

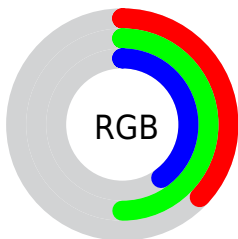
Format	Color
R <sub>YB</sub>	94, 122, 128
Decimal	6193254
CIE Lab	50.43, -17.73, 10.28
CIE LCh	50, 20.492, 149.883
Yxy	18.7773, 0.3011, 0.3838
Android (android.graphics.Color)	4284383334 (0xFF5E8066)
YUV	114.8700, -6.3449, -18.3030
Hunter-Lab	43.3328, -15.1409, 9.2370

# Details

The Hex color **5E8066** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **805E78**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **91B599**, and **2F4F37** is the 20% darker color. If you saturate the color by 10%, you get **51805C**, and if you desaturate by 10%, it is **6B8070**.

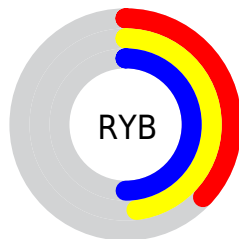
# Distribution



Red (37%)

Green (50%)

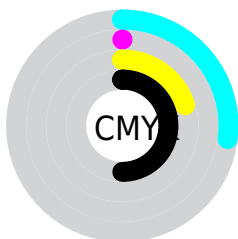
Blue (40%)



Red (37%)

Yellow (48%)

Blue (50%)

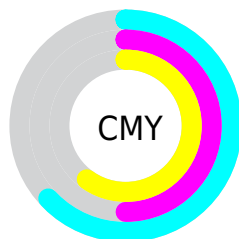


Cyan (27%)

Magenta (0%)

Yellow (20%)

Black (50%)



Cyan (63%)

Magenta (50%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E8066 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 5E8066 by changing the saturation by 10% instead.



 5E8066

 5E8066

FFFFFF

 46674E

 91B599

 2F4F37

 ACD1B4

 183822

 C7EDCF

 02220C

 E4FFEC


 000300

 000000

 5E8066

 5E8066

 51805C

 6B8070

 448052

 78807A

■ 388049

■ 848083

■ 2B803F

■ 91808D

■ 1E8035

■ 9E8097

■ 11802B

■ AB80A1

■ 048021

■ B880AB

■ 00801E

■ C480B4

■ D180BE

# Harmonies

## Analogous

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



727C59



5E8066



4C8277

# Triad

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



5E8066



627A9B



9B6D67

# Complementary

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



5E8066



805E78

# 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.



9A6B79



5E8066



7B7496

# Square

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



5E8066



4C7E96



8E6E8A



93715A

# Rectangle

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



5E8066



458283



8E6E8A



9B6C6D



# Sweetspot

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



5E8066



98A69C



78805E



4C544E



D4D4D4



545454



# Same Dimension

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



5E8066



71A67D



5E8077



39403B



00801E



000000



# Inverse Universe

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



805E78



A67199



805E67



40393E



800062



000000



# Previews

## White Background



This preview shows how the Hex color 5E8066 looks on a white background.

## Color Contrast Check

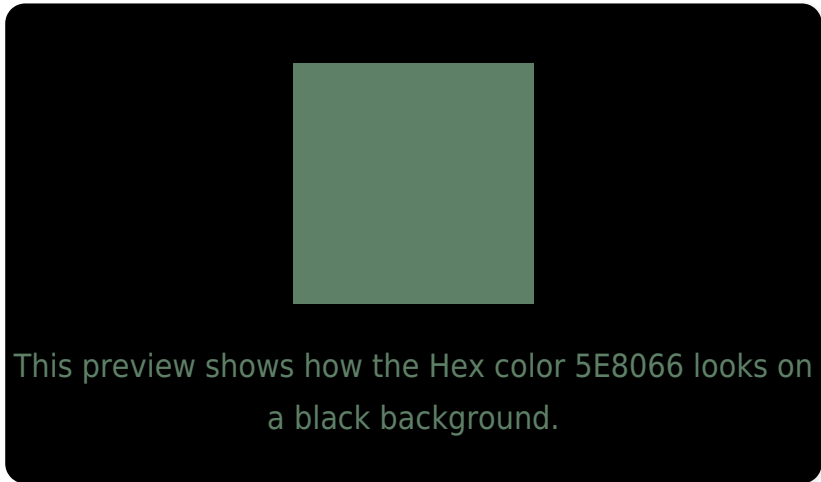
Large Text (above 18pt) WCAG AA ✓ Pass

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

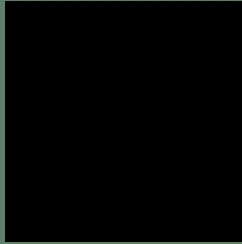
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E8066 Background



This preview shows how black text looks on a background with the Hex color 5E8066.

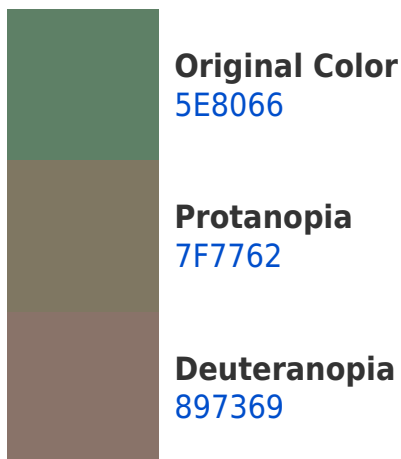



This preview shows how white text looks on a background with the Hex color 5E8066.

# 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**  
647C86

# Trichromacy



**Original Color**  
5E8066

**Protanomaly**  
737A63

**Deuteranomaly**  
797868

**Tritanomaly**  
627D7A

# Monochromacy



**Original Color**  
5E8066

**Achromatopsia**  
737373

**Achromatomaly**  
6B786E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E8066 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 #5E8066 looks like.

```
.text, #text, p{  
    color:#5E8066  
}
```

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 #5E8066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8066
}
```

## Border

The CSS property to change the border of an element to Hex 5E8066 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
#5E8066 }
```

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

```
.border{ border-color:#5E8066 }
```

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

Here you see how a box with a 4 pixel #5E8066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8066; -webkit-box-shadow:4px 4px  
4px 4px #5E8066; box-shadow:4px 4px 4px  
4px #5E8066 }
```

# Background

The CSS property to change the background color of an element to Hex 5E8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8066 }
```

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

```
.background{ background-color:#5E8066 }
```

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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