

# Converting Colors

Hex(5E6D62)

Have a look what the booklet for  
Hex(5E6D62) contains.

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# Color

Hex(5E6D62)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E6D62
RGB	94, 109, 98
RGB Percent	37%, 43%, 38%
CMY	0.6314, 0.5725, 0.6157
CMYK	0.14, 0.00, 0.10, 0.57
HSL	136°, 7%, 40%
HSV	136°, 14%, 43%
XYZ	12.2893, 14.1988, 13.6482
YIQ	103.2610, -5.4090, -6.6010

# Conversions

## Conversions Part 2

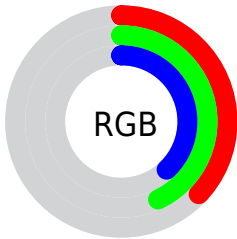
Format	Color
R <sub>Y</sub> B	94, 106, 109
Decimal	6188386
CIE Lab	44.52, -8.02, 4.25
CIE LCh	45, 9.071, 152.084
Yxy	14.1988, 0.3062, 0.3538
Android (android.graphics.Color)	4284378466 (0xFF5E6D62)
YUV	103.2610, -2.5937, -8.1219
Hunter-Lab	37.6813, -7.7265, 4.9020

# Details

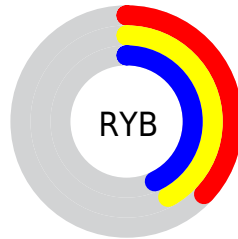
The Hex color **5E6D62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D5E69**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **90A095**, and **303E34** is the 20% darker color. If you saturate the color by 10%, you get **536D5A**, and if you desaturate by 10%, it is **696D6A**.

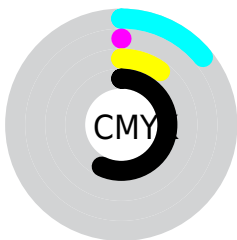
# Distribution



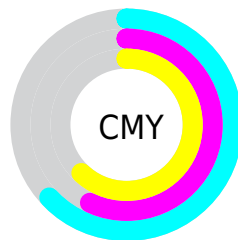
- Red (37%)
- Green (43%)
- Blue (38%)



- Red (37%)
- Yellow (42%)
- Blue (43%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (57%)



- Cyan (63%)
- Magenta (57%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E6D62 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 5E6D62 by changing the saturation by 10% instead.





5E6D62



5E6D62

FFFFFF



46554A



90A095



303E34



ABBBAF



1B281F



C6D7CB



001406



E2F4E7



000000



5E6D62



5E6D62



536D5A



696D6A



486D52



746D72



3D6D4A



7F6D7A

■ 326D42

■ 8A6D82

■ 286D3A

■ 956D8A

■ 1D6D32

■ 9F6D92

■ 126D2A

■ AA6D9A

■ 076D22

■ B56DA2

■ 006D1D

■ C06DAA

# Harmonies

## Analogous

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



666B5C



5E6D62



586E6A

# Triad

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



5E6D62



626A78



796562

# Complementary

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



5E6D62



6D5E69

# 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.



796469



5E6D62



6B6776

# Square

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



5E6D62



5A6C76



746570



76665C

# Rectangle

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



5E6D62



566E6F



746570



7A6464



# Sweetspot

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



5E6D62



898F8B



696D5E



444745



C7C7C7



474747



# Same Dimension

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



5E6D62



778F7D



5E6D6A



303632



00751F



00F541



# Inverse Universe

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



6D5E69



8F7788



6D5E62



363034



750056

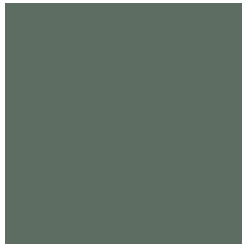


F500B4



# Previews

## White Background



This preview shows how the Hex color 5E6D62 looks on a white background.

## Color Contrast Check

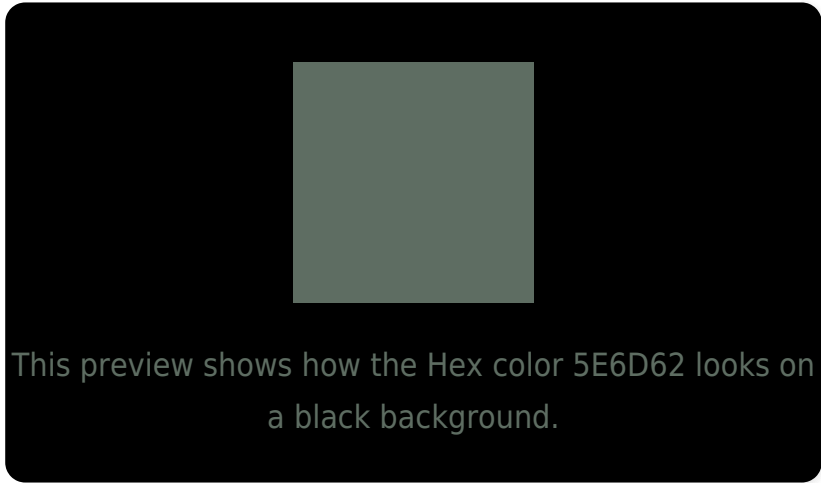
Large Text (above 18pt) WCAG AA ✓ Pass

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

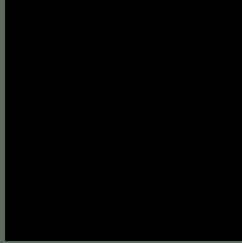
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

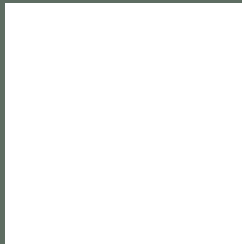
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E6D62 Background



This preview shows how black text looks on a background with the Hex color 5E6D62.

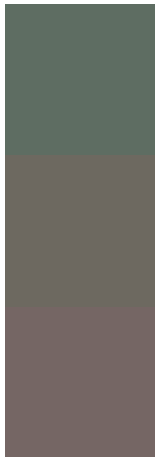


This preview shows how white text looks on a background with the Hex color 5E6D62.

# 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**  
5E6D62

**Protanopia**  
6D6960

**Deuteranopia**  
756664



**Tritanopia**  
616B73

# Trichromacy



**Original Color**  
5E6D62

**Protanomaly**  
686A61

**Deuteranomaly**  
6D6963

**Tritanomaly**  
606C6D

# Monochromacy



**Original Color**  
5E6D62

**Achromatopsia**  
676767

**Achromatomaly**  
646965

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E6D62 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 #5E6D62 looks like.

```
.text, #text, p{  
    color:#5E6D62  
}
```

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 #5E6D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6D62
}
```

## Border

The CSS property to change the border of an element to Hex 5E6D62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

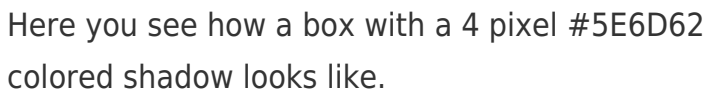
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E6D62 }
```

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

```
.border{ border-color:#5E6D62 }
```

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



Here you see how a box with a 4 pixel #5E6D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6D62; -webkit-box-shadow:4px 4px  
4px 4px #5E6D62; box-shadow:4px 4px 4px  
4px #5E6D62 }
```

# Background

The CSS property to change the background color of an element to Hex 5E6D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6D62 }
```

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

```
.background{ background-color:#5E6D62 }
```

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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