

# Converting Colors

Hex(5E7062)

Have a look what the booklet for  
Hex(5E7062) contains.

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# Color

**Hex(5E7062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E7062
RGB	94, 112, 98
RGB Percent	37%, 44%, 38%
CMY	0.6314, 0.5608, 0.6157
CMYK	0.16, 0.00, 0.13, 0.56
HSL	133°, 9%, 40%
HSV	133°, 16%, 44%
XYZ	12.6149, 14.8499, 13.7567
YIQ	105.0220, -6.2340, -8.1700

# Conversions

## Conversions Part 2

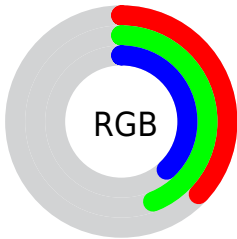
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 109, 112
Decimal	6189154
CIE <sub>Lab</sub>	45.43, -9.73, 5.55
CIE <sub>LCh</sub>	45, 11.203, 150.285
Yxy	14.8499, 0.3060, 0.3602
Android (android.graphics.Color)	4284379234 (0xFF5E7062)
YUV	105.0220, -3.4618, -9.6663
Hunter-Lab	38.5355, -9.0040, 5.8091

# Details

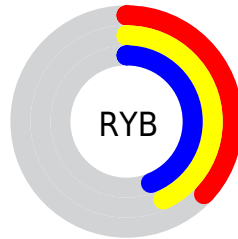
The Hex color **5E7062** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705E6C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **91A495**, and **304034** is the 20% darker color. If you saturate the color by 10%, you get **537059**, and if you desaturate by 10%, it is **69706B**.

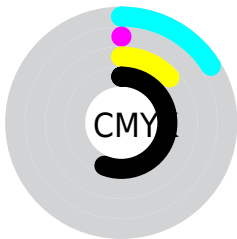
# Distribution



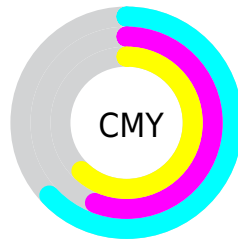
- Red (37%)
- Green (44%)
- Blue (38%)



- Red (37%)
- Yellow (43%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (56%)



- Cyan (63%)
- Magenta (56%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E7062 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 5E7062 by changing the saturation by 10% instead.



■ 5E7062

■ 5E7062

FFFFFF

■ 46584A

■ 91A495

■ 304034

■ ABBFAF

■ 1A2A1E

■ C6DBCBC

■ 011606

■ E2F7E7

■ 000000

■ 5E7062

■ 5E7062

■ 537059

■ 69706B

■ 487051

■ 747073

■ 3C7048

■ 80707C

■ 31703F

■ 8B7085

■ 267036

■ 96708E

■ 1B702E

■ A17096

■ 107025

■ AC709F

■ 04701C

■ B870A8

■ 007019

■ C370B0

# Harmonies

## Analogous

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



696E5B



5E7062



56716B

# Triad

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



5E7062



616C7E



7F6662

# Complementary

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



5E7062



705E6C

# 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.



7E656C



5E7062



6D697C

# Square

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



5E7062



576F7B



786675



7B685C

# Rectangle

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



5E7062



537172



786675



7F6565



# Sweetspot

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



5E7062



8A918C



6C705E



464A46



C9C9C9



4A4A4A



# Same Dimension

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



5E7062



76917C



5E706B



323834



00781B



00F737



# Inverse Universe

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



705E6C



91768B



705E63



383237



78005D



F700C0



# Previews

## White Background



This preview shows how the Hex color 5E7062 looks on a white background.

## Color Contrast Check

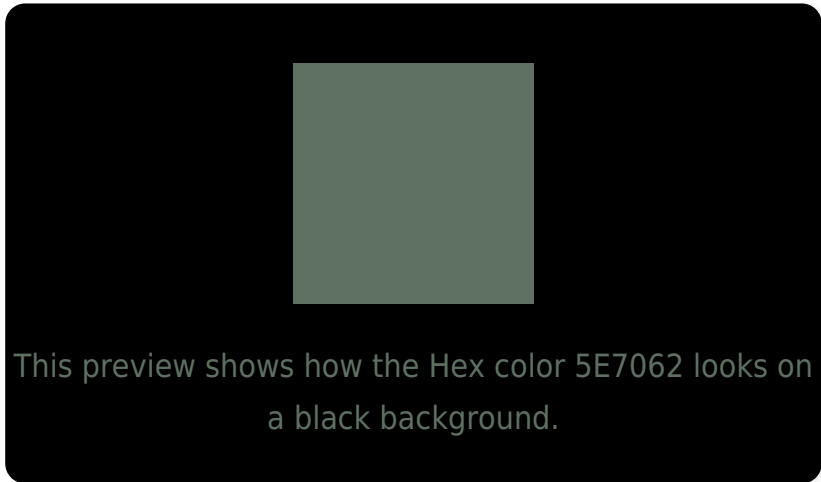
Large Text (above 18pt) WCAG AA ✓ Pass

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

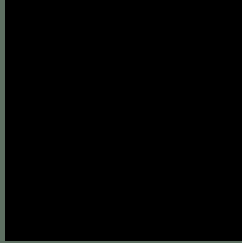
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

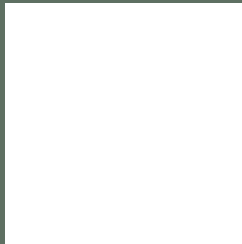
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E7062 Background



This preview shows how black text looks on a background with the Hex color 5E7062.



This preview shows how white text looks on a background with the Hex color 5E7062.

# 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](#).

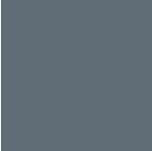
## Dichromacy



**Original Color**  
5E7062

**Protanopia**  
706B5F

**Deuteranopia**  
786864



**Tritanopia**  
616D76

# Trichromacy



**Original Color**  
5E7062

**Protanomaly**  
696D60

**Deuteranomaly**  
6F6B63

**Tritanomaly**  
606E6F

# Monochromacy



**Original Color**  
5E7062

**Achromatopsia**  
696969

**Achromatomaly**  
656C66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E7062 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 #5E7062 looks like.

```
.text, #text, p{  
    color:#5E7062  
}
```

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 #5E7062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7062
}
```

## Border

The CSS property to change the border of an element to Hex 5E7062 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
#5E7062 }
```

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

```
.border{ border-color:#5E7062 }
```

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

Here you see how a box with a 4 pixel #5E7062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7062; -webkit-box-shadow:4px 4px  
4px 4px #5E7062; box-shadow:4px 4px 4px  
4px #5E7062 }
```

# Background

The CSS property to change the background color of an element to Hex 5E7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7062 }
```

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

```
.background{ background-color:#5E7062 }
```

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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