

# Converting Colors

Hex(5D6E60)

Have a look what the booklet for  
Hex(5D6E60) contains.

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# Color

**Hex(5D6E60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D6E60
RGB	93, 110, 96
RGB Percent	36%, 43%, 38%
CMY	0.6353, 0.5686, 0.6235
CMYK	0.15, 0.00, 0.13, 0.57
HSL	131°, 8%, 40%
HSV	131°, 15%, 43%
XYZ	12.2015, 14.3235, 13.1880
YIQ	103.3210, -5.6380, -7.9580

# Conversions

## Conversions Part 2

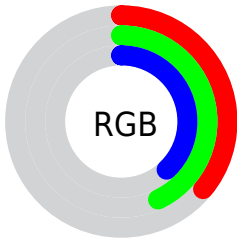
Format	Color
<b>R<sub>YB</sub></b>	93, 107, 110
Decimal	6123104
CIE Lab	44.69, -9.38, 5.69
CIE LCh	45, 10.971, 148.764
Yxy	14.3235, 0.3072, 0.3607
Android (android.graphics.Color)	4284313184 (0xFF5D6E60)
YUV	103.3210, -3.6093, -9.0515
Hunter-Lab	37.8465, -8.6841, 5.8323

# Details

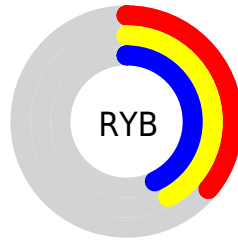
The Hex color **5D6E60** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E5D6B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8FA292**, and **2F3E32** is the 20% darker color. If you saturate the color by 10%, you get **526E57**, and if you desaturate by 10%, it is **686E69**.

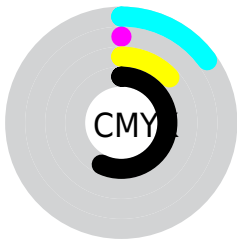
# Distribution



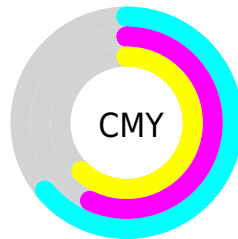
- Red (36%)
- Green (43%)
- Blue (38%)



- Red (36%)
- Yellow (42%)
- Blue (43%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (57%)



- Cyan (64%)
- Magenta (57%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D6E60 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 5D6E60 by changing the saturation by 10% instead.



■ 5D6E60

■ 5D6E60

FFFFFF

■ 455648

■ 8FA292

■ 2F3E32

■ AABDAD

■ 1A281D

■ C5D8C8

■ 001503

■ E1F5E4

■ 000000

FEFFFF

■ 5D6E60

■ 5D6E60

■ 526E57

■ 686E69

■ 476E4E

■ 736E72

■ 3C6E45

■ 7E6E7B

■ 316E3C

■ 896E84

■ 266E33

■ 946E8D

■ 1B6E2A

■ 9F6E96

■ 106E21

■ AA6E9F

■ 056E18

■ B56EA8

■ 006E13

■ C06EB2

# Harmonies

## Analogous

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



676C5A



5D6E60



556F69

# Triad

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



5D6E60



5F6B7C



7D6461

# Complementary

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



5D6E60



6E5D6B

# 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.



7C636A



5D6E60



6B687A

# Square

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



5D6E60



566D79



756573



79665A

# Rectangle

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



5D6E60



526F6F



756573



7D6464



# Sweetspot

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



5D6E60



888F89



6B6E5D



434744



C7C7C7



474747



# Same Dimension

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



5D6E60



748F78



5D6E68



323833



007815



00F72C



# Inverse Universe

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



6E5D6B



8F748A



6E5D63



383237



780063

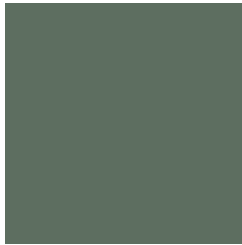


F700CC



# Previews

## White Background



This preview shows how the Hex color 5D6E60 looks on a white background.

## Color Contrast Check

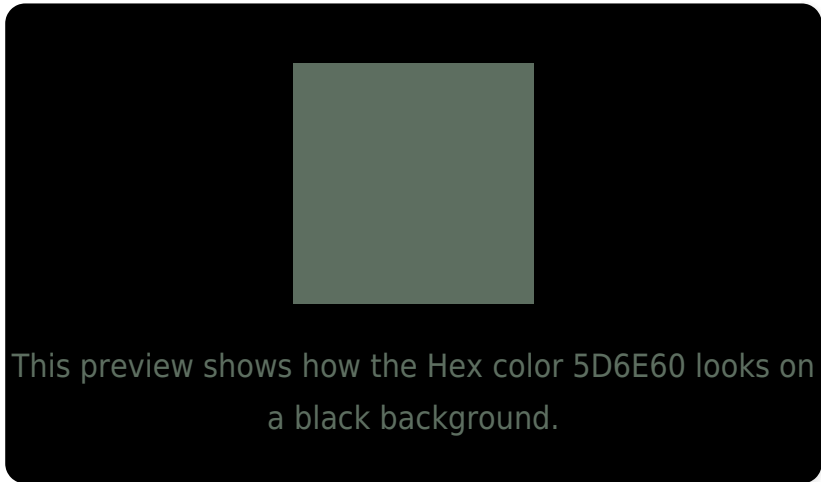
Large Text (above 18pt) WCAG AA ✓ Pass

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

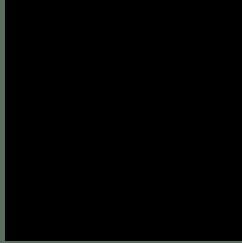
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

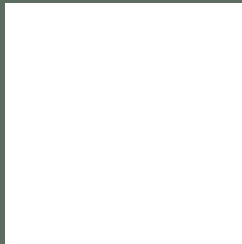
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D6E60 Background



This preview shows how black text looks on a background with the Hex color 5D6E60.



This preview shows how white text looks on a background with the Hex color 5D6E60.

# 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**  
5D6E60

**Protanopia**  
6E695D

**Deuteranopia**  
776662



**Tritanopia**  
606B74

# Trichromacy



**Original Color**

5D6E60

**Protanomaly**

686B5E

**Deuteranomaly**

6E6961

**Tritanomaly**

5F6C6D

# Monochromacy



**Original Color**

5D6E60

**Achromatopsia**

676767

**Achromatomaly**

636A64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D6E60 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 #5D6E60 looks like.

```
.text, #text, p{  
    color:#5D6E60  
}
```

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 #5D6E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6E60
}
```

## Border

The CSS property to change the border of an element to Hex 5D6E60 is called "border". The border property can be set on classes, ids or directly on the HTML element.

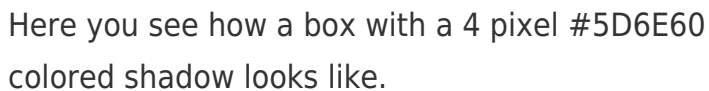
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D6E60 }
```

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

```
.border{ border-color:#5D6E60 }
```

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



Here you see how a box with a 4 pixel #5D6E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6E60; -webkit-box-shadow:4px 4px  
4px 4px #5D6E60; box-shadow:4px 4px 4px  
4px #5D6E60 }
```

# Background

The CSS property to change the background color of an element to Hex 5D6E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6E60 }
```

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

```
.background{ background-color:#5D6E60 }
```

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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