

# Converting Colors

Hex(5E6860)

Have a look what the booklet for  
Hex(5E6860) contains.

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# Color

**Hex(5E6860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E6860
RGB	94, 104, 96
RGB Percent	37%, 41%, 38%
CMY	0.6314, 0.5922, 0.6235
CMYK	0.10, 0.00, 0.08, 0.59
HSL	132°, 5%, 39%
HSV	132°, 10%, 41%
XYZ	11.6777, 13.1248, 12.9842
YIQ	100.0980, -3.3920, -4.6080

# Conversions

## Conversions Part 2

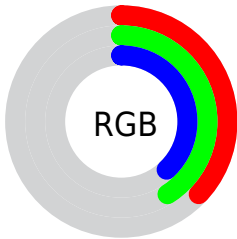
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 102, 104
Decimal	6187104
CIE <sub>Lab</sub>	42.95, -5.53, 3.20
CIE <sub>LCh</sub>	43, 6.389, 149.973
Yxy	13.1248, 0.3090, 0.3473
Android (android.graphics.Color)	4284377184 (0xFF5E6860)
YUV	100.0980, -2.0203, -5.3479
Hunter-Lab	36.2282, -5.8621, 4.1102

# Details

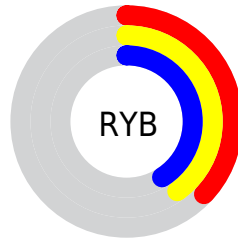
The Hex color **5E6860** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **685E66**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **909B92**, and **303932** is the 20% darker color. If you saturate the color by 10%, you get **546858**, and if you desaturate by 10%, it is **686868**.

# Distribution



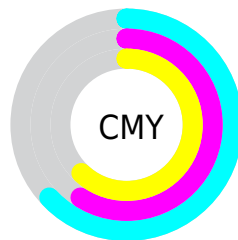
- Red (37%)
- Green (41%)
- Blue (38%)



- Red (37%)
- Yellow (40%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (59%)



- Cyan (63%)
- Magenta (59%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E6860 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 5E6860 by changing the saturation by 10% instead.



■ 5E6860

■ 5E6860

FFFFFF

■ 465048

■ 909B92

■ 303932

■ ABB6AD

■ 1B241D

■ C6D2C8

■ 000E03

■ E2EEE4

■ 000000

■ 5E6860

■ 5E6860

■ 546858

■ 686868

■ 49684F

■ 736871

■ 3F6847

■ 7D6879

■ 34683F

■ 886881

■ 2A6836

■ 92688A

■ 20682E

■ 9C6892

■ 156826

■ A7689A

■ 0B681D

■ B168A3

■ 006815

■ BC68AB

# Harmonies

## Analogous

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



64675C



5E6860



5A6965

# Triad

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



5E6860



606670



716260

# Complementary

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



5E6860



685E66

# 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.



706266



5E6860



67646F

# Square

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



5E6860



5B676E



6C636B



6F635C

# Rectangle

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



5E6860



586969



6C636B



716262



# Sweetspot

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



5E6860



838784



66685E



424543



C4C4C4



454545



# Same Dimension

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



5E6860



77877A



5E6865



2E332F



007317



00F230



# Inverse Universe

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



685E66



877784



685E61



332E32



73005C



F200C2



# Previews

## White Background



This preview shows how the Hex color 5E6860 looks on a white background.

## Color Contrast Check

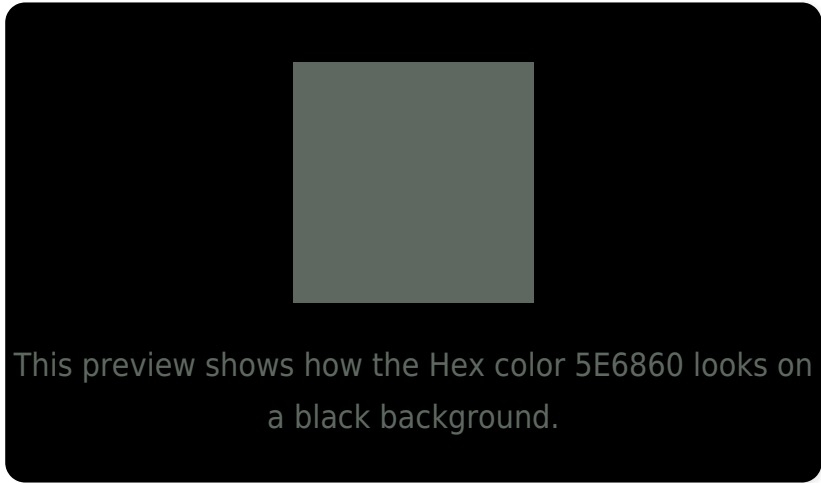
Large Text (above 18pt) WCAG AA ✓ Pass

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

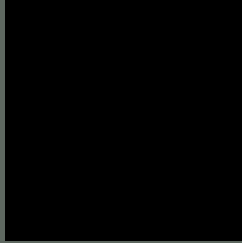
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

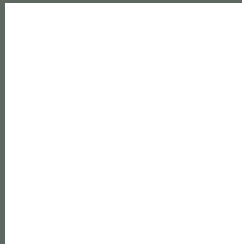
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E6860 Background



This preview shows how black text looks on a background with the Hex color 5E6860.

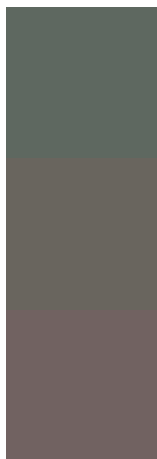


This preview shows how white text looks on a background with the Hex color 5E6860.

# 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**


5E6860

**Protanopia**

69655E

**Deuteranopia**

716261



**Tritanopia**  
60666E

# Trichromacy



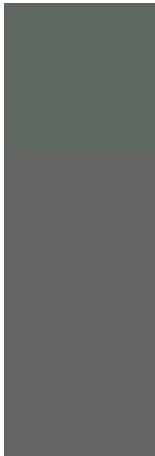
**Original Color**  
5E6860

**Protanomaly**  
65665F

**Deuteranomaly**  
6A6461

**Tritanomaly**  
5F6769

# Monochromacy



**Original Color**  
5E6860

**Achromatopsia**  
646464

**Achromatomaly**  
626563

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E6860 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 #5E6860 looks like.

```
.text, #text, p{  
    color:#5E6860  
}
```

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 #5E6860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6860
}
```

## Border

The CSS property to change the border of an element to Hex 5E6860 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
#5E6860 }
```

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

```
.border{ border-color:#5E6860 }
```

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

Here you see how a box with a 4 pixel #5E6860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6860; -webkit-box-shadow:4px 4px  
4px 4px #5E6860; box-shadow:4px 4px 4px  
4px #5E6860 }
```

# Background

The CSS property to change the background color of an element to Hex 5E6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6860 }
```

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

```
.background{ background-color:#5E6860 }
```

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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