

# Converting Colors

Hex(5A6C3E)

Have a look what the booklet for  
Hex(5A6C3E) contains.

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# Color

Hex(5A6C3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A6C3E
RGB	90, 108, 62
RGB Percent	35%, 42%, 24%
CMY	0.6471, 0.5765, 0.7569
CMYK	0.17, 0.00, 0.43, 0.58
HSL	83°, 27%, 33%
HSV	83°, 43%, 42%
XYZ	10.4485, 13.2466, 6.5636
YIQ	97.3740, 4.0380, -18.1220

# Conversions

## Conversions Part 2

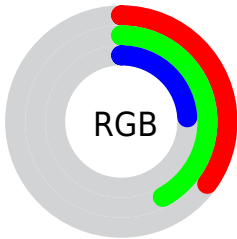
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 108, 80
Decimal	5925950
CIELab	43.13, -15.36, 23.53
CIELCh	43, 28.103, 123.134
Yxy	13.2466, 0.3453, 0.4378
Android (android.graphics.Color)	4284116030 (0xFF5A6C3E)
YUV	97.3740, -17.4394, -6.4670
Hunter-Lab	36.3959, -12.4490, 14.7848

# Details

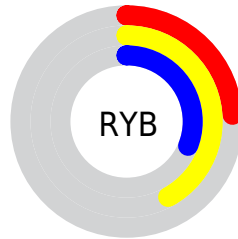
The Hex color **5A6C3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **503E6C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8D9F6E**, and **2B3D12** is the 20% darker color. If you saturate the color by 10%, you get **566C33**, and if you desaturate by 10%, it is **5E6C49**.

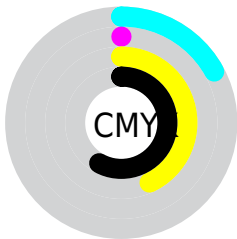
# Distribution



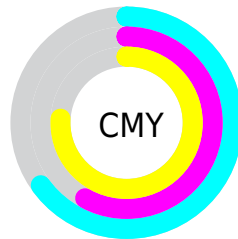
- Red (35%)
- Green (42%)
- Blue (24%)



- Red (24%)
- Yellow (42%)
- Blue (31%)



- Cyan (17%)
- Magenta (0%)
- Yellow (43%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A6C3E 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 5A6C3E by changing the saturation by 10% instead.





5A6C3E



5A6C3E

FFFFFF



425427



8D9F6E



2B3D12



A8BA88



172700



C3D6A2



001300



DFF3BE



000000



FCFFD9



FFFFFF6



5A6C3E



5A6C3E



566C33



5E6C49

■ 526C28

■ 626C54

■ 4D6C1E

■ 676C5E

■ 496C13

■ 6B6C69

■ 456C08

■ 6F6C74

■ 426C00

■ 736C7F

■ 786C8A

■ 7C6C94

■ 806C9F

# Harmonies

## Analogous

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



726537



5A6C3E



3D7050

# Triad

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



5A6C3E



156E8F



925364

# Complementary

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



5A6C3E



503E6C

# 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.



85577B



5A6C3E



476794

# Square

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



5A6C3E



00717F



6C5F8D



91564E

# Rectangle

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



5A6C3E



267260



6C5F8D



8F546C



# Sweetspot

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



5A6C3E



858C7A



6C503E



43473C



C7C7C7



474747



# Same Dimension

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



5A6C3E



708C45



436C3E



333630



477500



95F500



# Inverse Universe

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



503E6C



61458C



673E6C



323036



2E0075



6000F5



# Previews

## White Background



This preview shows how the Hex color 5A6C3E looks on a white background.

## Color Contrast Check

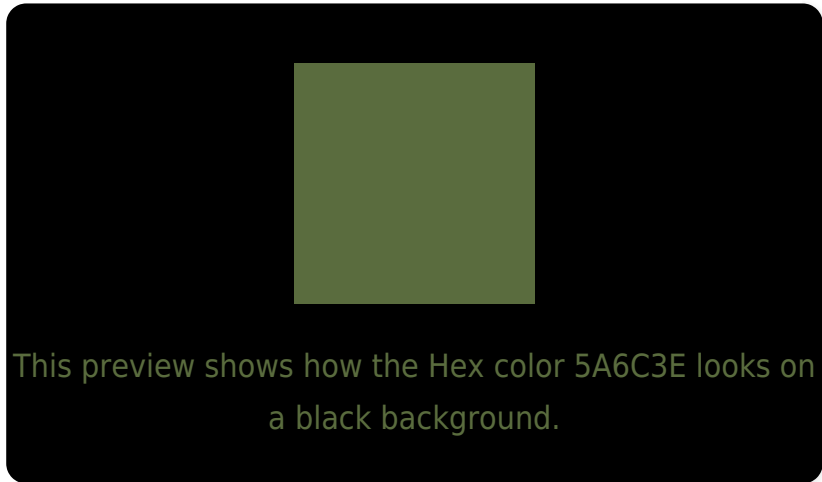
Large Text (above 18pt) WCAG AA ✓ Pass

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

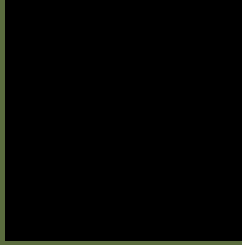
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A6C3E Background



This preview shows how black text looks on a background with the Hex color 5A6C3E.



This preview shows how white text looks on a background with the Hex color 5A6C3E.

# 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**  
5A6C3E

**Protanopia**  
6F663C

**Deuteranopia**  
7B6141

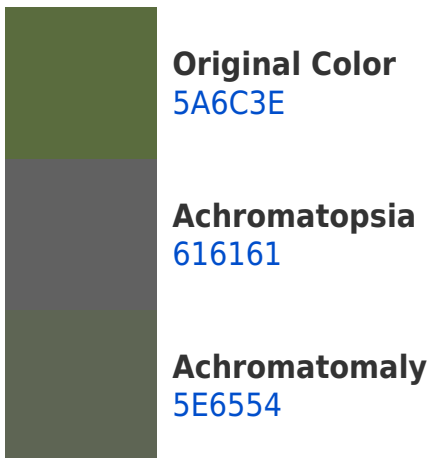


**Tritanopia**  
61666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A6C3E 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 #5A6C3E looks like.

```
.text, #text, p{  
    color:#5A6C3E  
}
```

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 #5A6C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6C3E
}
```

## Border

The CSS property to change the border of an element to Hex 5A6C3E 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
#5A6C3E }
```

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

```
.border{ border-color:#5A6C3E }
```

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

Here you see how a box with a 4 pixel #5A6C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6C3E; -webkit-box-shadow:4px 4px  
4px 4px #5A6C3E; box-shadow:4px 4px 4px  
4px #5A6C3E }
```

# Background

The CSS property to change the background color of an element to Hex 5A6C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6C3E }
```

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

```
.background{ background-color:#5A6C3E }
```

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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