

# Converting Colors

Hex(5E6942)

Have a look what the booklet for  
Hex(5E6942) contains.

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# Color

Hex(5E6942)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E6942
RGB	94, 105, 66
RGB Percent	37%, 41%, 26%
CMY	0.6314, 0.5882, 0.7412
CMYK	0.10, 0.00, 0.37, 0.59
HSL	77°, 23%, 34%
HSV	77°, 37%, 41%
XYZ	10.6510, 12.8762, 7.0782
YIQ	97.2650, 5.9630, -14.4610

# Conversions

## Conversions Part 2

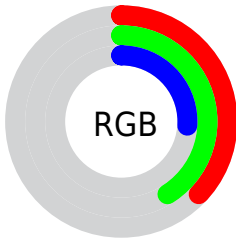
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 105, 77
Decimal	6187330
CIELab	42.58, -11.43, 20.58
CIELCh	43, 23.535, 119.043
Yxy	12.8762, 0.3480, 0.4207
Android (android.graphics.Color)	4284377410 (0xFF5E6942)
YUV	97.2650, -15.4136, -2.8634
Hunter-Lab	35.8834, -9.8129, 13.4230

# Details

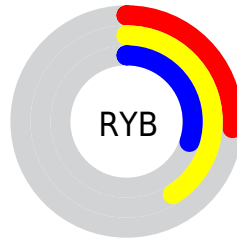
The Hex color **5E6942** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D4269**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **919C72**, and **2F3A16** is the 20% darker color. If you saturate the color by 10%, you get **5B6938**, and if you desaturate by 10%, it is **61694D**.

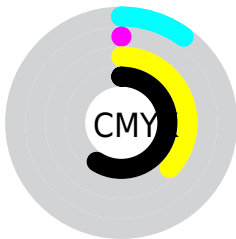
# Distribution



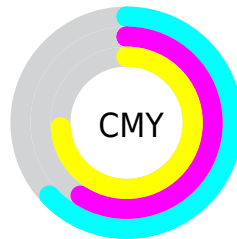
- Red (37%)
- Green (41%)
- Blue (26%)



- Red (26%)
- Yellow (41%)
- Blue (30%)



- Cyan (10%)
- Magenta (0%)
- Yellow (37%)
- Black (59%)



- Cyan (63%)
- Magenta (59%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E6942 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 5E6942 by changing the saturation by 10% instead.





5E6942



5E6942

FFFFFF



46512B



919C72



2F3A16



ACB78C



1B2400



C7D3A7



001000



E3EFC2



000000



FFFFDE



FFFFFFA



5E6942



5E6942



5B6938



61694D

■ 58692D

■ 646957

■ 556923

■ 676962

■ 526918

■ 6A696C

■ 4F690D

■ 6D6976

■ 4C6903

■ 706981

■ 4B6900

■ 73698C

■ 766996

■ 7969A1

# Harmonies

## Analogous

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



72633E



5E6942



476D50

# Triad

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



5E6942



2A6C85



895666

# Complementary

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



5E6942



4D4269

# 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.



7D5979



5E6942



49678B

# Square

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



5E6942



1E6F77



666086



8A5753

# Rectangle

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



5E6942



376F5C



666086



86566C



# Sweetspot

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



5E6942



858A7B



694C42



42453C



C4C4C4



454545



# Same Dimension

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



5E6942



788A4C



4B6942



343630



547500



B0F500



# Inverse Universe

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



4D4269



5D4C8A



604269



323036



210075



4500F5



# Previews

## White Background



This preview shows how the Hex color 5E6942 looks on a white background.

## Color Contrast Check

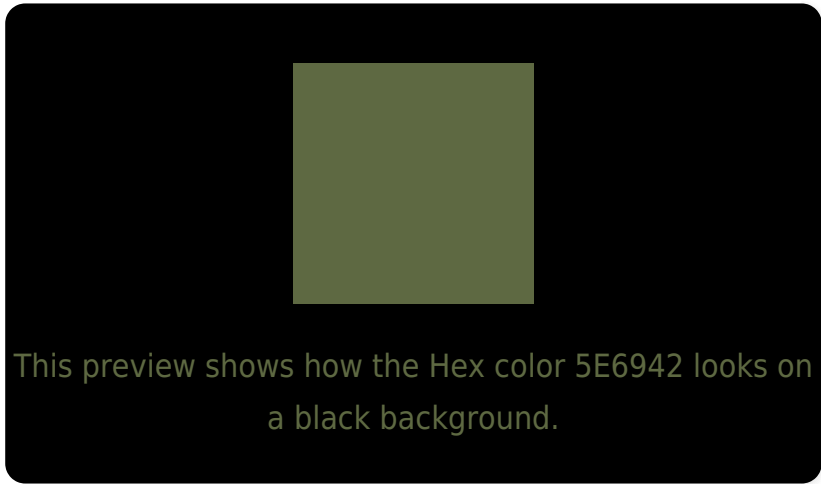
Large Text (above 18pt) WCAG AA ✓ Pass

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

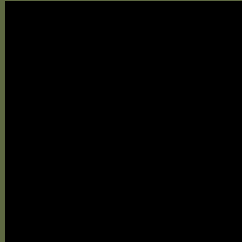
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E6942 Background



This preview shows how black text looks on a background with the Hex color 5E6942.



This preview shows how white text looks on a background with the Hex color 5E6942.

# 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**  
5E6942

**Protanopia**  
6D6440

**Deuteranopia**  
786044



**Tritanopia**  
63646C

# Trichromacy



**Original Color**  
5E6942

**Protanomaly**  
686641

**Deuteranomaly**  
6F6343

**Tritanomaly**  
61665D

# Monochromacy



**Original Color**  
5E6942

**Achromatopsia**  
616161

**Achromatomaly**  
606456

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E6942 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 #5E6942 looks like.

```
.text, #text, p{  
    color:#5E6942  
}
```

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 #5E6942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6942
}
```

## Border

The CSS property to change the border of an element to Hex 5E6942 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
#5E6942 }
```

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

```
.border{ border-color:#5E6942 }
```

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

Here you see how a box with a 4 pixel #5E6942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6942; -webkit-box-shadow:4px 4px  
4px 4px #5E6942; box-shadow:4px 4px 4px  
4px #5E6942 }
```

# Background

The CSS property to change the background color of an element to Hex 5E6942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6942 }
```

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

```
.background{ background-color:#5E6942 }
```

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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