

# Converting Colors

Hex(5A5E4C)

Have a look what the booklet for  
Hex(5A5E4C) contains.

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# Color

Hex(5A5E4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A5E4C
RGB	90, 94, 76
RGB Percent	35%, 37%, 30%
CMY	0.6471, 0.6314, 0.7020
CMYK	0.04, 0.00, 0.19, 0.63
HSL	73°, 11%, 33%
HSV	73°, 19%, 37%
XYZ	9.5237, 10.7009, 8.4010
YIQ	90.7520, 3.3940, -6.4460

# Conversions

## Conversions Part 2

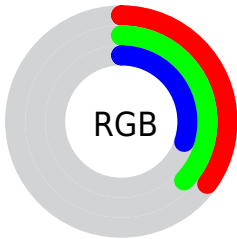
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 94, 80
Decimal	5922380
CIELab	39.07, -5.15, 9.81
CIELCh	39, 11.076, 117.684
Yxy	10.7009, 0.3327, 0.3738
Android (android.graphics.Color)	4284112460 (0xFF5A5E4C)
YUV	90.7520, -7.2727, -0.6595
Hunter-Lab	32.7122, -5.2787, 7.6719

# Details

The Hex color **5A5E4C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **504C5E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8C907D**, and **2C3020** is the 20% darker color. If you saturate the color by 10%, you get **585E43**, and if you desaturate by 10%, it is **5C5E55**.

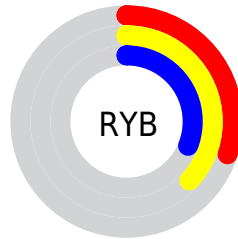
# Distribution



Red (35%)

Green (37%)

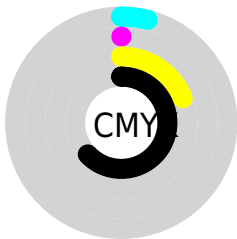
Blue (30%)



Red (30%)

Yellow (37%)

Blue (31%)

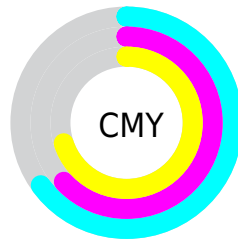


Cyan (4%)

Magenta (0%)

Yellow (19%)

Black (63%)



Cyan (65%)

Magenta (63%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A5E4C 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 5A5E4C by changing the saturation by 10% instead.





5A5E4C



5A5E4C

FFFFFF



424635



8C907D



2C3020



A7AB97



181B09



C2C6B1



000000



DEE2CD



FAFFE9



5A5E4C



5A5E4C



585E43



5C5E55



565E39



5E5E5F

■ 545E30

■ 605E68

■ 525E26

■ 625E72

■ 505E1D

■ 645E7B

■ 4D5E14

■ 675E84

■ 4B5E0A

■ 695E8E

■ 495E01

■ 6B5E97

■ 495E00

■ 6D5EA1

# Harmonies

## Analogous

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



645B4A



5A5E4C



506052

# Triad

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



5A5E4C



48606B



6E565D

# Complementary

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



5A5E4C



504C5E

# 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.



675766



5A5E4C



515D6E

# Square

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



5A5E4C



446164



5D5A6C



6F5654

# Rectangle

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



5A5E4C



4A6158



5D5A6C



6C5660



# Sweetspot

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



5A5E4C



797A73



5E504C



3C3D39



BDBDBD



3D3D3D



# Same Dimension

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



5A5E4C



747A5E



515E4C



2D2E29



556E00



B8ED00



# Inverse Universe

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



504C5E



655E7A



594C5E



2A292E



18006E



3500ED



# Previews

## White Background



This preview shows how the Hex color 5A5E4C looks on a white background.

## Color Contrast Check

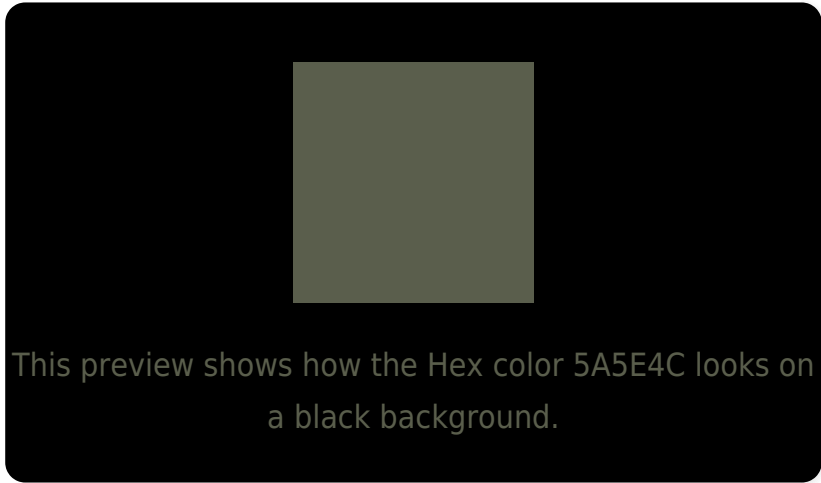
Large Text (above 18pt) WCAG AA ✓ Pass

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

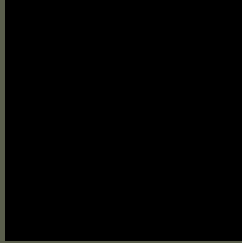
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A5E4C Background



This preview shows how black text looks on a background with the Hex color 5A5E4C.



This preview shows how white text looks on a background with the Hex color 5A5E4C.

# 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**  
5A5E4C

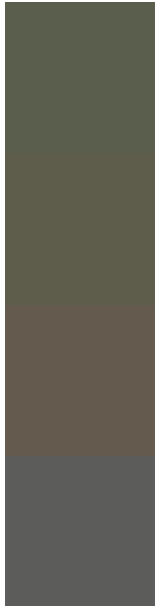
**Protanopia**  
615C4B

**Deuteranopia**  
6A584D



**Tritanopia**  
5D5B62

# Trichromacy



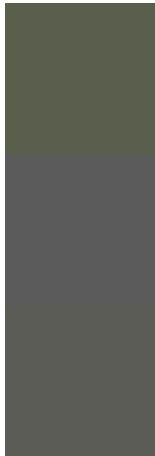
**Original Color**  
5A5E4C

**Protanomaly**  
5E5D4B

**Deuteranomaly**  
645A4D

**Tritanomaly**  
5C5C5A

# Monochromacy



**Original Color**  
5A5E4C

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5B5C56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A5E4C 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 #5A5E4C looks like.

```
.text, #text, p{  
    color:#5A5E4C  
}
```

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 #5A5E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5E4C
}
```

## Border

The CSS property to change the border of an element to Hex 5A5E4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

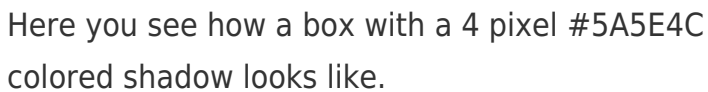
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A5E4C }
```

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

```
.border{ border-color:#5A5E4C }
```

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



Here you see how a box with a 4 pixel #5A5E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5E4C; -webkit-box-shadow:4px 4px  
4px 4px #5A5E4C; box-shadow:4px 4px 4px  
4px #5A5E4C }
```

# Background

The CSS property to change the background color of an element to Hex 5A5E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5E4C }
```

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

```
.background{ background-color:#5A5E4C }
```

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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