

# Converting Colors

Hex(5B5B3E)

Have a look what the booklet for  
Hex(5B5B3E) contains.

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# Color

Hex(5B5B3E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B5B3E
RGB	91, 91, 62
RGB Percent	36%, 36%, 24%
CMY	0.6431, 0.6431, 0.7569
CMYK	0.00, 0.00, 0.32, 0.64
HSL	60°, 19%, 30%
HSV	60°, 32%, 36%
XYZ	8.9250, 10.0541, 6.0277
YIQ	87.6940, 9.3090, -9.0190

# Conversions

## Conversions Part 2

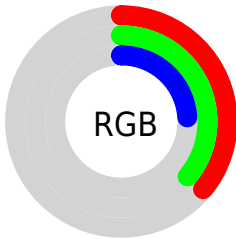
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 91, 62
Decimal	5987134
CIELab	37.94, -5.24, 16.77
CIELCh	38, 17.573, 107.334
Yxy	10.0541, 0.3569, 0.4021
Android (android.graphics.Color)	4284177214 (0xFF5B5B3E)
YUV	87.6940, -12.6671, 2.8994
Hunter-Lab	31.7082, -5.2467, 10.9249

# Details

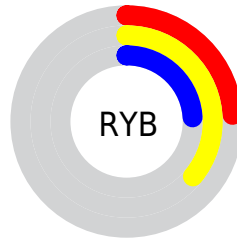
The Hex color **5B5B3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E3E5B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8E8D6E**, and **2D2D13** is the 20% darker color. If you saturate the color by 10%, you get **5B5B35**, and if you desaturate by 10%, it is **5B5B47**.

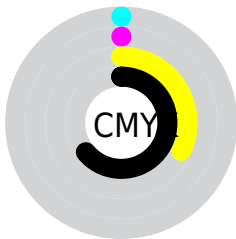
# Distribution



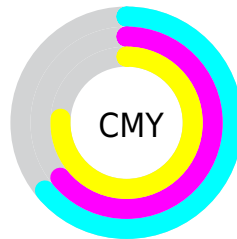
- Red (36%)
- Green (36%)
- Blue (24%)



- Red (24%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (32%)
- Black (64%)



- Cyan (64%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B5B3E 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 5B5B3E by changing the saturation by 10% instead.





5B5B3E



5B5B3E

FFFFFF



434428



8E8D6E



2D2D13



A8A787



181900



C4C3A2



000000



E0DEBD



FCFBD8



FFFFFF5



5B5B3E



5B5B3E



5B5B35



5B5B47

 5B5B2C

 5B5B50

 5B5B23

 5B5B59

 5B5B1A

 5B5B62

 5B5B11

 5B5B6C

 5B5B07

 5B5B75

 5B5B00

 5B5B7E

 5B5B87

 5B5B90

# Harmonies

## Analogous

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



69563E



5B5B3E



4B5F46

# Triad

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



5B5B3E



30606E



724F60

# Complementary

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



5B5B3E



3E3E5B

# 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.



65536D



5B5B3E



3F5C75

# Square

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



5B5B3E



2F6161



535874



764F51

# Rectangle

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



5B5B3E



40604E



535874



6E5065



# Sweetspot

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



5B5B3E



75756A



5B3E3E



3B3B34



BABABA



3B3B3B



# Same Dimension

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



5B5B3E



757549



4D5B3E



2E2E29



6E6E00



EDED00



# Inverse Universe

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



3E3E5B



494975



4D3E5B



29292E



00006E



0000ED



# Previews

## White Background



This preview shows how the Hex color 5B5B3E looks on a white background.

## Color Contrast Check

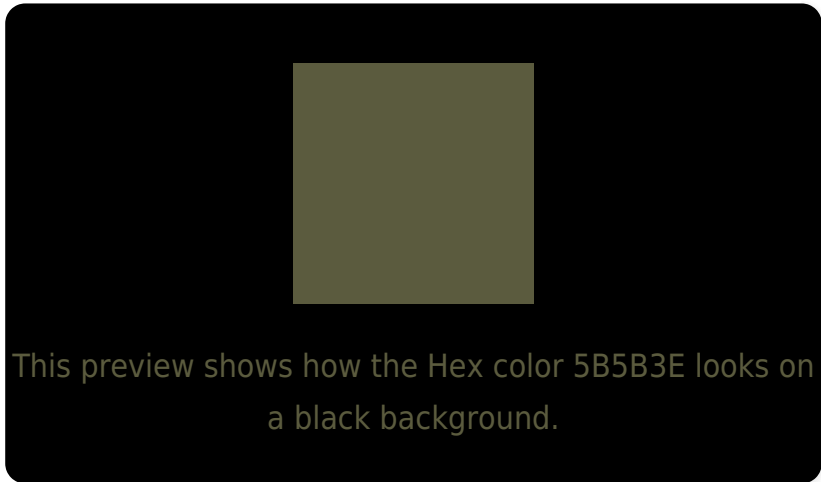
Large Text (above 18pt) WCAG AA ✓ Pass

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

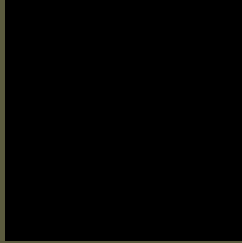
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B5B3E Background



This preview shows how black text looks on a background with the Hex color 5B5B3E.

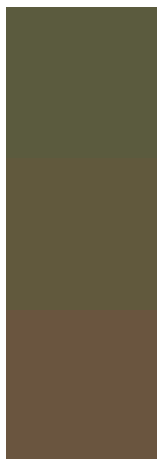


This preview shows how white text looks on a background with the Hex color 5B5B3E.

# 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**  
5B5B3E

**Protanopia**  
61593D

**Deuteranopia**  
6A553F



**Tritanopia**  
5F575E

# Trichromacy



**Original Color**  
5B5B3E

**Protanomaly**  
5F5A3D

**Deuteranomaly**  
65573F

**Tritanomaly**  
5E5852

# Monochromacy



**Original Color**  
5B5B3E

**Achromatopsia**  
585858

**Achromatomaly**  
59594F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B5B3E 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 #5B5B3E looks like.

```
.text, #text, p{  
    color:#5B5B3E  
}
```

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 #5B5B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5B3E
}
```

## Border

The CSS property to change the border of an element to Hex 5B5B3E 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".

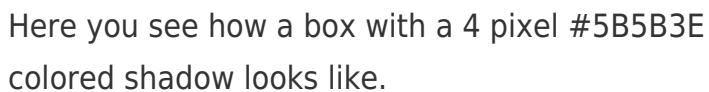
```
.border, #border, table{ border:4px solid
#5B5B3E }
```

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

```
.border{ border-color:#5B5B3E }
```

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

Here you see how a box with a 4 pixel #5B5B3E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5B3E; -webkit-box-shadow:4px 4px  
4px 4px #5B5B3E; box-shadow:4px 4px 4px  
4px #5B5B3E }
```

# Background

The CSS property to change the background color of an element to Hex 5B5B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5B3E }
```

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

```
.background{ background-color:#5B5B3E }
```

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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