

# Converting Colors

Hex(5D5E33)

Have a look what the booklet for  
Hex(5D5E33) contains.

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# Color

**Hex(5D5E33)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 5D5E33                     |
| RGB           | 93, 94, 51                 |
| RGB Percent   | 36%, 37%, 20%              |
| CMY           | 0.6353, 0.6314, 0.8000     |
| CMYK          | 0.01, 0.00, 0.46, 0.63     |
| HSL           | 61°, 30%, 28%              |
| HSV           | 61°, 46%, 37%              |
| XYZ           | 9.1144, 10.5716, 4.6921    |
| YIQ           | 88.7990, 13.2070, -13.5850 |

# Conversions

## Conversions Part 2

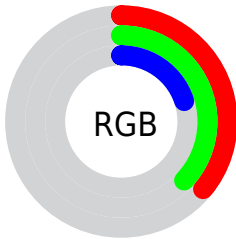
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 51, 94, 52                   |
| Decimal                             | 6118963                      |
| CIELab                              | 38.85, -7.56, 24.45          |
| CIELCh                              | 39, 25.592, 107.184          |
| Yxy                                 | 10.5716, 0.3739,<br>0.4337   |
| Android<br>(android.graphics.Color) | 4284309043<br>(0xFF5D5E33)   |
| YUV                                 | 88.7990, -18.6349,<br>3.6843 |
| Hunter-Lab                          | 32.5140, -6.8616,<br>14.2036 |

# Details

The Hex color **5D5E33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34335E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **909062**, and **2E3005** is the 20% darker color. If you saturate the color by 10%, you get **5D5E2A**, and if you desaturate by 10%, it is **5D5E3C**.

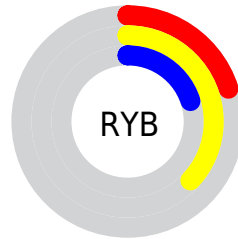
# Distribution



Red (36%)

Green (37%)

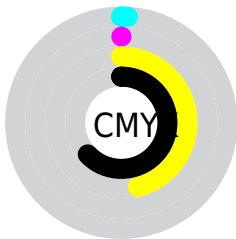
Blue (20%)



Red (20%)

Yellow (37%)

Blue (20%)

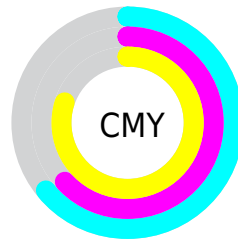


Cyan (1%)

Magenta (0%)

Yellow (46%)

Black (63%)



Cyan (64%)

Magenta (63%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D5E33 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 5D5E33 by changing the saturation by 10% instead.



 5D5E33

 5D5E33

FFFFFF

 45461D

 909062

 2E3005

 ABAB7C

 181B00

 C7C696

 000000

 E3E2B0

 FFFFCC

 FFFF E8

 5D5E33

 5D5E33

 5D5E2A

 5D5E3C

 5D5E20

 5D5E46

 5C5E17

 5E5E4F

 5C5E0D

 5E5E59

 5C5E04

 5E5E62

 5C5E00

 5E5E6B

 5F5E75

 5F5E7E

 5F5E88

# Harmonies

## Analogous

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



715733



5D5E33



45633E

# Triad

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



5D5E33



006579



7E4C65

# Complementary

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



5D5E33



34335E

# 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.



6D5278



5D5E33



2B6084

# Square

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



5D5E33



006667



505983



844B50

# Rectangle

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



5D5E33



34654B



505983



7A4E6C



# Sweetspot

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



5D5E33



7A7A69



5E3433



3D3D33



BDBDBD



3D3D3D



# Same Dimension

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



5D5E33



797A37



485E33



2E2E29



6B6E00



E8ED00



# Inverse Universe

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



34335E



39377A



49335E



29292E



03006E



0600ED



# Previews

## White Background



This preview shows how the Hex color 5D5E33 looks on a white background.

## Color Contrast Check

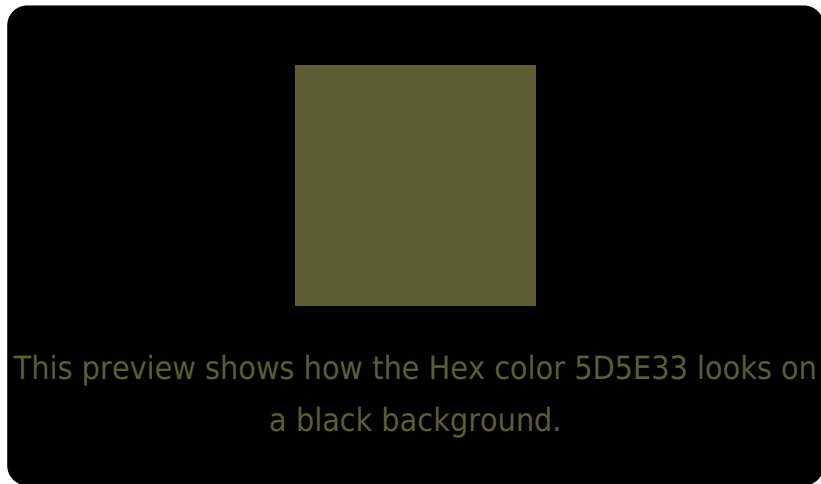
Large Text (above 18pt) WCAG AA ✓ Pass

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

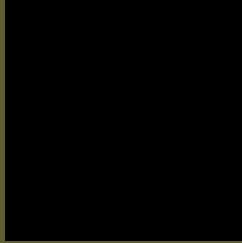
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D5E33 Background



This preview shows how black text looks on a background with the Hex color 5D5E33.



This preview shows how white text looks on a background with the Hex color 5D5E33.

# 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**  
5D5E33

**Protanopia**  
655C32

**Deuteranopia**  
6F5735



**Tritanopia**  
625960

# Trichromacy



**Original Color**  
5D5E33

**Protanomaly**  
625D32

**Deuteranomaly**  
685A34

**Tritanomaly**  
605B50

# Monochromacy



**Original Color**  
5D5E33

**Achromatopsia**  
595959

**Achromatomaly**  
5A5B4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D5E33 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 #5D5E33 looks like.

```
.text, #text, p{  
    color:#5D5E33  
}
```

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 #5D5E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5E33
}
```

## Border

The CSS property to change the border of an element to Hex 5D5E33 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
#5D5E33 }
```

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

```
.border{ border-color:#5D5E33 }
```

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

Here you see how a box with a 4 pixel #5D5E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5E33; -webkit-box-shadow:4px 4px  
4px 4px #5D5E33; box-shadow:4px 4px 4px  
4px #5D5E33 }
```

# Background

The CSS property to change the background color of an element to Hex 5D5E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5E33 }
```

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

```
.background{ background-color:#5D5E33 }
```

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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