

# Converting Colors

Hex(5E5E56)

Have a look what the booklet for  
Hex(5E5E56) contains.

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# Color

**Hex(5E5E56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E5E56
RGB	94, 94, 86
RGB Percent	37%, 37%, 34%
CMY	0.6314, 0.6314, 0.6627
CMYK	0.00, 0.00, 0.09, 0.63
HSL	60°, 4%, 35%
HSV	60°, 9%, 37%
XYZ	10.2985, 11.0570, 10.3955
YIQ	93.0880, 2.5680, -2.4880

# Conversions

## Conversions Part 2

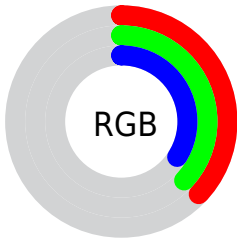
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	86, 94, 86
Decimal	6184534
CIE Lab	39.68, -1.62, 4.58
CIE LCh	40, 4.860, 109.414
Yxy	11.0570, 0.3244, 0.3482
Android (android.graphics.Color)	4284374614 (0xFF5E5E56)
YUV	93.0880, -3.4944, 0.7998
Hunter-Lab	33.2520, -2.9077, 4.7407

# Details

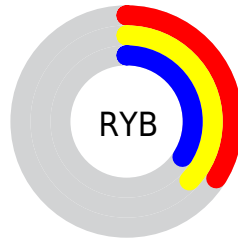
The Hex color **5E5E56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **56565E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **909088**, and **303029** is the 20% darker color. If you saturate the color by 10%, you get **5E5E4D**, and if you desaturate by 10%, it is **5E5E5F**.

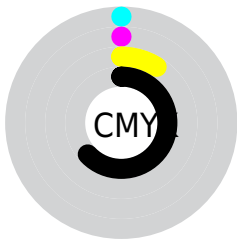
# Distribution



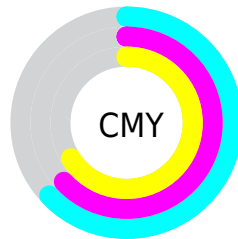
- Red (37%)
- Green (37%)
- Blue (34%)



- Red (34%)
- Yellow (37%)
- Blue (34%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (63%)



- Cyan (63%)
- Magenta (63%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E5E56 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 5E5E56 by changing the saturation by 10% instead.





5E5E56



5E5E56

FFFFFFF



46463F



909088



303029



ABABA2



1B1B15



C6C6BD



000000



E2E2D9



FFFFFF5



5E5E56



5E5E56



5E5E4D



5E5E5F



5E5E43



5E5E69

■ 5E5E3A

■ 5E5E72

■ 5E5E30

■ 5E5E7C

■ 5E5E27

■ 5E5E85

■ 5E5E1E

■ 5E5E8E

■ 5E5E14

■ 5E5E98

■ 5E5E0B

■ 5E5EA1

■ 5E5E01

■ 5E5EAB

# Harmonies

## Analogous

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



625D56



5E5E56



595F58

# Triad

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



5E5E56



555F63



655B5F

# Complementary

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



5E5E56



56565E

# 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.



615C63



5E5E56



585E65

# Square

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



5E5E56



546060



5D5D65



665B5B

# Rectangle

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



5E5E56



57605B



5D5D65



645B60



# Sweetspot

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



5E5E56



7A7A77



5E5656



3D3D3B



BDBDBD



3D3D3D



# Same Dimension

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



5E5E56



7A7A6E



5A5E56



2E2E29



6E6E00



EDED00



# Inverse Universe

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



56565E



6E6E7A



5A565E



29292E



00006E



0000ED



# Previews

## White Background



This preview shows how the Hex color 5E5E56 looks on a white background.

## Color Contrast Check

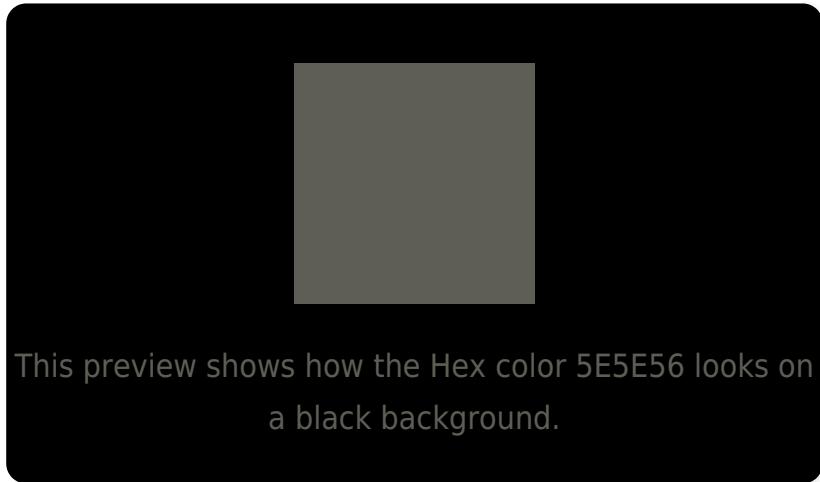
Large Text (above 18pt) WCAG AA ✓ Pass

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

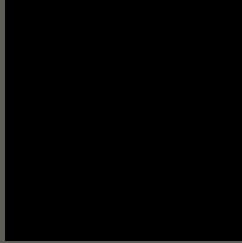
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

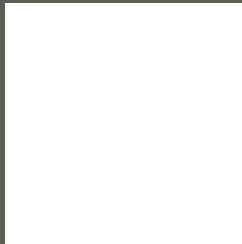
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E5E56 Background



This preview shows how black text looks on a background with the Hex color 5E5E56.



This preview shows how white text looks on a background with the Hex color 5E5E56.

# 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**  
5E5E56

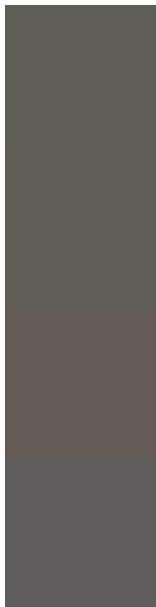
**Protanopia**  
615D56

**Deuteranopia**  
695A57



**Tritanopia**  
605C63

# Trichromacy



**Original Color**

5E5E56

**Protanomaly**

605D56

**Deuteranomaly**

655B57

**Tritanomaly**

5F5D5E

# Monochromacy



**Original Color**

5E5E56

**Achromatopsia**

5D5D5D

**Achromatomaly**

5D5D5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E5E56 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 #5E5E56 looks like.

```
.text, #text, p{  
    color:#5E5E56  
}
```

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 #5E5E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5E56
}
```

## Border

The CSS property to change the border of an element to Hex 5E5E56 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
#5E5E56 }
```

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

```
.border{ border-color:#5E5E56 }
```

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

Here you see how a box with a 4 pixel #5E5E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5E56; -webkit-box-shadow:4px 4px  
4px 4px #5E5E56; box-shadow:4px 4px 4px  
4px #5E5E56 }
```

# Background

The CSS property to change the background color of an element to Hex 5E5E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5E56 }
```

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

```
.background{ background-color:#5E5E56 }
```

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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