

# Converting Colors

Hex(5E5759)

Have a look what the booklet for  
Hex(5E5759) contains.

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# Color

**Hex(5E5759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E5759
RGB	94, 87, 89
RGB Percent	37%, 34%, 35%
CMY	0.6314, 0.6588, 0.6510
CMYK	0.00, 0.07, 0.05, 0.63
HSL	343°, 4%, 35%
HSV	343°, 7%, 37%
XYZ	9.8275, 9.9173, 10.8475
YIQ	89.3210, 3.5300, 2.1060

# Conversions

## Conversions Part 2

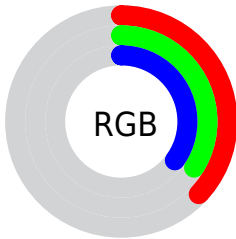
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 87, 89
Decimal	6182745
CIE Lab	37.69, 3.24, -0.14
CIE LCh	38, 3.242, 357.520
Yxy	9.9173, 0.3212, 0.3242
Android (android.graphics.Color)	4284372825 (0xFF5E5759)
YUV	89.3210, -0.1583, 4.1035
Hunter-Lab	31.4918, 0.5928, 1.6216

# Details

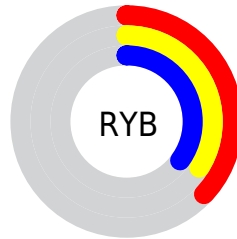
The Hex color **5E5759** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **575E5C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **90898B**, and **302A2C** is the 20% darker color. If you saturate the color by 10%, you get **5E4E52**, and if you desaturate by 10%, it is **5E6060**.

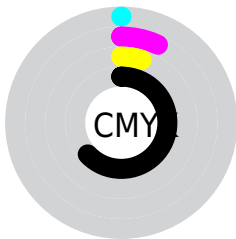
# Distribution



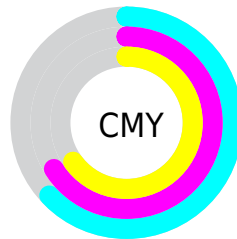
- Red (37%)
- Green (34%)
- Blue (35%)



- Red (37%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (63%)



- Cyan (63%)
- Magenta (66%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E5759 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 5E5759 by changing the saturation by 10% instead.





5E5759



5E5759

FFFFFF



464042



90898B



302A2C



ABA3A5



1B1517



C6BEC0



000000



E2DADC



FFF6F9



5E5759



5E5759



5E4E52



5E6060



5E444C



5E6A66

■ 5E3B45

■ 5E736D

■ 5E313E

■ 5E7D74

■ 5E2837

■ 5E867B

■ 5E1F31

■ 5E8F81

■ 5E152A

■ 5E9988

■ 5E0C23

■ 5EA28F

■ 5E021D

■ 5EAC95

# Harmonies

## Analogous

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



5C575C



5E5759



5F5756

# Triad

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



5E5759



585954



535A5D

# Complementary

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



5E5759



575E5C

# 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.



525A5B



5E5759



555A56

# Square

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



5E5759



5B5854



535A58



56595E

# Rectangle

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



5E5759



5E5755



535A58



535A5C



# Sweetspot

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



5E5759



7A7879



5C575E



3D3C3C



BDBDBD



3D3D3D



# Same Dimension

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



5E5759



7A6F73



5E5857



2E292B



6E001F



ED0044



# Inverse Universe

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



5E5759



7A6F73



575D5E



2E292B



6E001F



ED0044



# Previews

## White Background



This preview shows how the Hex color 5E5759 looks on a white background.

## Color Contrast Check

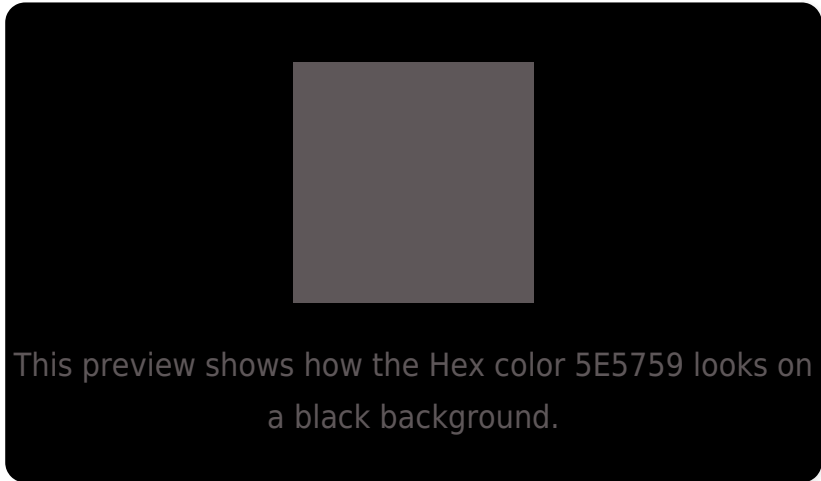
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

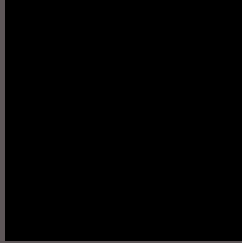
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E5759 Background



This preview shows how black text looks on a background with the Hex color 5E5759.



This preview shows how white text looks on a background with the Hex color 5E5759.

# 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](#).

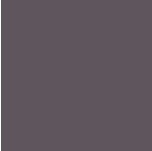
## Dichromacy



**Original Color**  
5E5759

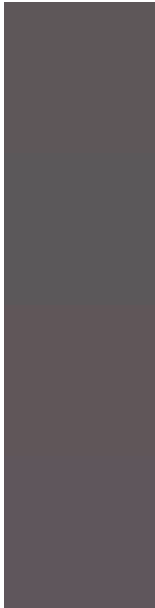
**Protanopia**  
5A585A

**Deuteranopia**  
615659



**Tritanopia**  
5F565D

# Trichromacy



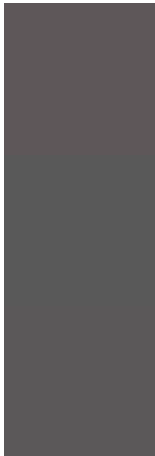
**Original Color**  
5E5759

**Protanomaly**  
5B585A

**Deuteranomaly**  
605659

**Tritanomaly**  
5F565C

# Monochromacy



**Original Color**  
5E5759

**Achromatopsia**  
595959

**Achromatomaly**  
5B5859

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E5759 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 #5E5759 looks like.

```
.text, #text, p{  
    color:#5E5759  
}
```

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 #5E5759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5759
}
```

## Border

The CSS property to change the border of an element to Hex 5E5759 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
#5E5759 }
```

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

```
.border{ border-color:#5E5759 }
```

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

Here you see how a box with a 4 pixel #5E5759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5759; -webkit-box-shadow:4px 4px  
4px 4px #5E5759; box-shadow:4px 4px 4px  
4px #5E5759 }
```

# Background

The CSS property to change the background color of an element to Hex 5E5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5759 }
```

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

```
.background{ background-color:#5E5759 }
```

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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