

# Converting Colors

Hex(5E4343)

Have a look what the booklet for  
Hex(5E4343) contains.

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**Color**

**Hex(5E4343)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E4343
RGB	94, 67, 67
RGB Percent	37%, 26%, 26%
CMY	0.6314, 0.7373, 0.7373
CMYK	0.00, 0.29, 0.29, 0.63
HSL	0°, 17%, 32%
HSV	0°, 29%, 37%
XYZ	7.6364, 6.7992, 6.2201
YIQ	75.0730, 16.0920, 5.7240

# Conversions

## Conversions Part 2

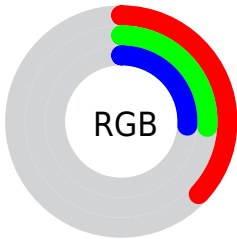
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 67, 67
Decimal	6177603
CIE <sub>Lab</sub>	31.35, 11.68, 4.60
CIE <sub>LCh</sub>	31, 12.550, 21.517
Yxy	6.7992, 0.3697, 0.3292
Android (android.graphics.Color)	4284367683 (0xFF5E4343)
YUV	75.0730, -3.9800, 16.5990
Hunter-Lab	26.0754, 6.6432, 4.1095

# Details

The Hex color **5E4343** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **435E5E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **917373**, and **2F1818** is the 20% darker color. If you saturate the color by 10%, you get **5E3A3A**, and if you desaturate by 10%, it is **5E4C4C**.

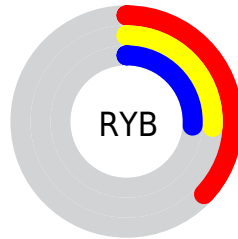
# Distribution



Red (37%)

Green (26%)

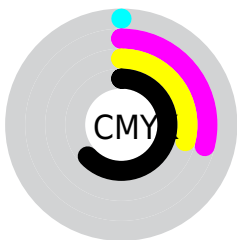
Blue (26%)



Red (37%)

Yellow (26%)

Blue (26%)

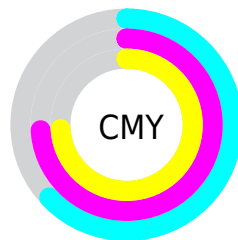


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (63%)



Cyan (63%)

Magenta (74%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E4343 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 5E4343 by changing the saturation by 10% instead.



■ 5E4343

■ 5E4343

FFFFFF

■ 462D2D

■ 917373

■ 2F1818

■ AC8D8C

■ 1C0000

■ C7A7A7

■ 000000

■ E4C2C2

■ FFDEDE

■ FFFBFA

■ 5E4343

■ 5E4343

■ 5E3A3A

■ 5E4C4C

 5E3030

 5E5656

 5E2727

 5E5F5F

 5E1D1D

 5E6969

 5E1414

 5E7272

 5E0B0B

 5E7B7B

 5E0101

 5E8585

 5E0000

 5E8E8E

 5E9898

# Harmonies

## Analogous

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



5C434D



5E4343



5B453B

# Triad

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



5E4343



3E4E3D



3A4B5D

# Complementary

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



5E4343



435E5E

# 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.



304E59



5E4343



344F47

# Square

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



5E4343



4A4B37



2E4F51



48485C

# Rectangle

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



5E4343



574737



2E4F51



364C5C



# Sweetspot

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



5E4343



7A6F6F



5E435E



3D3636



BDBDBD



3D3D3D



# Same Dimension

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



5E4343



7A5151



5E5143



2E2929



6E0000



ED0000



# Inverse Universe

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



435E5E



517A7A



43515E



292E2E



006E6E



00EDED



# Previews

## White Background



This preview shows how the Hex color 5E4343 looks on a white background.

## Color Contrast Check

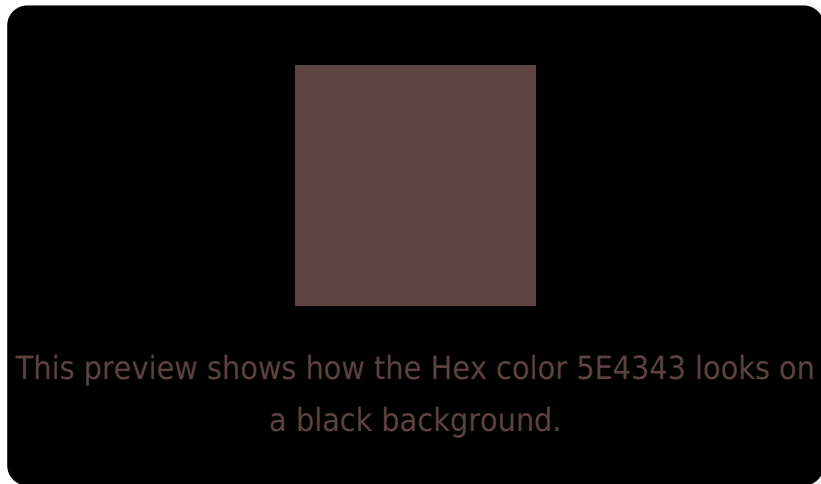
Large Text (above 18pt) WCAG AA ✓ Pass

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

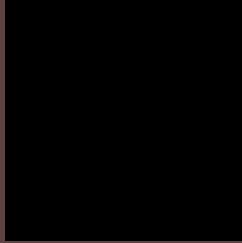
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E4343 Background



This preview shows how black text looks on a background with the Hex color 5E4343.

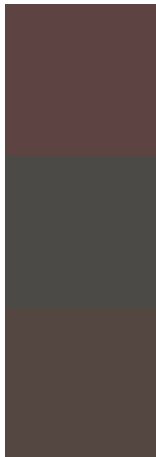


This preview shows how white text looks on a background with the Hex color 5E4343.

# 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**  
5E4343

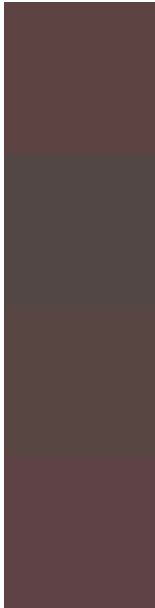
**Protanopia**  
4C4A47

**Deuteranopia**  
544742



**Tritanopia**  
5E4247

# Trichromacy



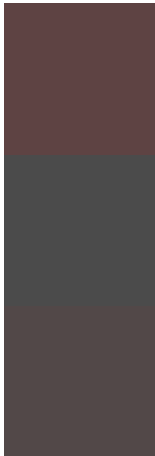
**Original Color**  
5E4343

**Protanomaly**  
534746

**Deuteranomaly**  
584642

**Tritanomaly**  
5E4246

# Monochromacy



**Original Color**  
5E4343

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
524848

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E4343 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 #5E4343 looks like.

```
.text, #text, p{  
    color:#5E4343  
}
```

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 #5E4343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4343
}
```

## Border

The CSS property to change the border of an element to Hex 5E4343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

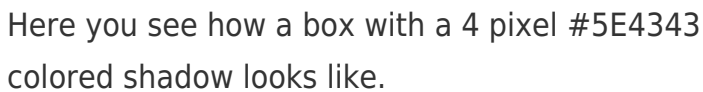
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4343 }
```

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

```
.border{ border-color:#5E4343 }
```

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



Here you see how a box with a 4 pixel #5E4343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4343; -webkit-box-shadow:4px 4px  
4px 4px #5E4343; box-shadow:4px 4px 4px  
4px #5E4343 }
```

# Background

The CSS property to change the background color of an element to Hex 5E4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4343 }
```

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

```
.background{ background-color:#5E4343 }
```

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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