

Converting Colors

Hex(5E4745)

Have a look what the booklet for
Hex(5E4745) contains.

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Color

Hex(5E4745)

Conversions

Conversions Part 1

Format	Color
Hex	5E4745
RGB	94, 71, 69
RGB Percent	37%, 28%, 27%
CMY	0.6314, 0.7216, 0.7294
CMYK	0.00, 0.24, 0.27, 0.63
HSL	5°, 15%, 32%
HSV	5°, 27%, 37%
XYZ	7.9435, 7.3158, 6.6237
YIQ	77.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

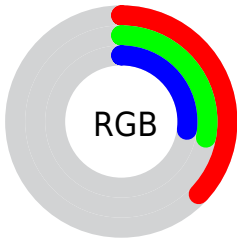
Format	Color
RYB	94, 71, 69
Decimal	6178629
CIELab	32.52, 9.49, 4.99
CIELCh	33, 10.720, 27.738
Yxy	7.3158, 0.3630, 0.3343
Android (android.graphics.Color)	4284368709 (0xFF5E4745)
YUV	77.6490, -4.2640, 14.3398
Hunter-Lab	27.0478, 5.0890, 4.4141

Details

The Hex color **5E4745** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **455C5E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **917775**, and **2F1B1A** is the 20% darker color. If you saturate the color by 10%, you get **5E3E3C**, and if you desaturate by 10%, it is **5E504E**.

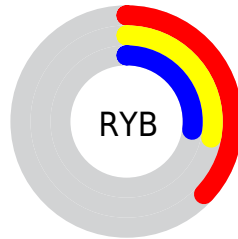
Distribution



 Red (37%)

 Green (28%)

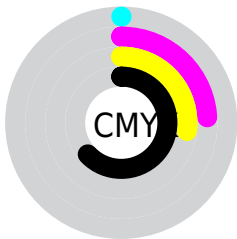
 Blue (27%)



 Red (37%)

 Yellow (28%)

 Blue (27%)

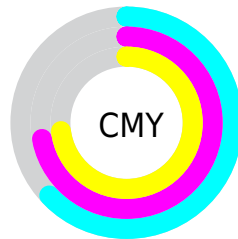



 Cyan (0%)

 Magenta (24%)

 Yellow (27%)

 Black (63%)



 Cyan (63%)

 Magenta (72%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4745 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 5E4745 by changing the saturation by 10% instead.

■ 5E4745

■ 5E4745

FFFFFF

■ 46312F

■ 917775

■ 2F1B1A

■ AC918F

■ 1C0100

■ C7ACA9

■ 000000

■ E3C7C4

■ FFE3E0

FFFFFFD

■ 5E4745

■ 5E4745

■ 5E3E3C

■ 5E504E

■ 5E3632

■ 5E5858

■ 5E2D29

■ 5E6161

■ 5E241F

■ 5E6A6B

■ 5E1C16

■ 5E7274

■ 5E130D

■ 5E7B7D

■ 5E0A03

■ 5E8487

■ 5E0800

■ 5E8C90

■ 5E959A

Harmonies

Analogous

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



5D474D



5E4745



5B493F

Triad

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



5E4745



415043



424D5D

Complementary

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



5E4745



455C5E

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.



39505A



5E4745



39514B

Square

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



5E4745



4B4E3D



365154



4D4B5B

Rectangle

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



5E4745



564B3C



365154



3F4E5D

Sweetspot

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



5E4745



7A7171



5E455C



3D3837



BDBDBD



3D3D3D

Same Dimension

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



5E4745



7A5653



5E5345



2E2A29



6E0900



ED1300

Inverse Universe

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



455C5E



53777A



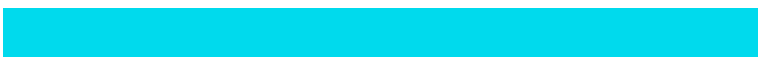
45505E



292E2E



00656E



00DAED

Previews

White Background



This preview shows how the Hex color 5E4745 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

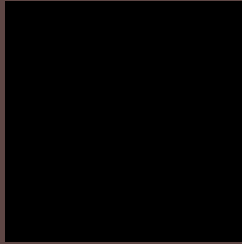
Any Text WCAG AA × Fail

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 5E4745 Background



This preview shows how black text looks on a background with the Hex color 5E4745.

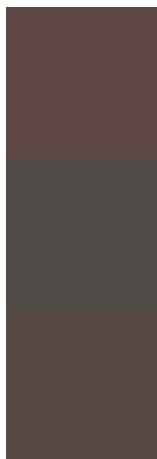


This preview shows how white text looks on a background with the Hex color 5E4745.

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
5E4745

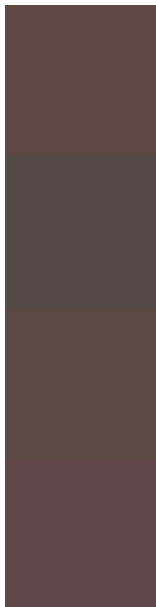
Protanopia
4F4C48

Deuteranopia
574A44



Tritanopia
5F464B

Trichromacy



Original Color

5E4745

Protanomaly

544A47

Deuteranomaly

5A4944

Tritanomaly

5F4649

Monochromacy



Original Color

5E4745

Achromatopsia

4E4E4E

Achromatomaly

544B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4745 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 #5E4745 looks like.

```
.text, #text, p{  
    color:#5E4745  
}
```

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 #5E4745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4745
}
```

Border

The CSS property to change the border of an element to Hex 5E4745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

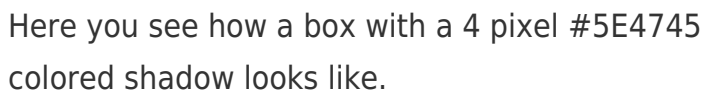
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4745 }
```

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

```
.border{ border-color:#5E4745 }
```

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



Here you see how a box with a 4 pixel #5E4745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4745; -webkit-box-shadow:4px 4px  
4px 4px #5E4745; box-shadow:4px 4px 4px  
4px #5E4745 }
```

Background

The CSS property to change the background color of an element to Hex 5E4745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4745 }
```

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

```
.background{ background-color:#5E4745 }
```

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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