

Converting Colors

Hex(5E4436)

Have a look what the booklet for
Hex(5E4436) contains.

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Color

Hex(5E4436)

Conversions

Conversions Part 1

Format	Color
Hex	5E4436
RGB	94, 68, 54
RGB Percent	37%, 27%, 21%
CMY	0.6314, 0.7333, 0.7882
CMYK	0.00, 0.28, 0.43, 0.63
HSL	21°, 27%, 29%
HSV	21°, 43%, 37%
XYZ	7.3491, 6.7803, 4.4114
YIQ	74.1780, 19.9900, 1.1580

Conversions

Conversions Part 2

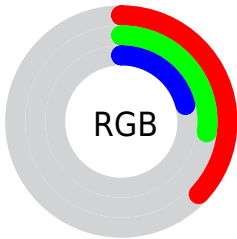
Format	Color
R_{YB}	94, 76, 54
Decimal	6177846
CIE Lab	31.30, 9.13, 12.86
CIE LCh	31, 15.771, 54.646
Yxy	6.7803, 0.3964, 0.3657
Android (android.graphics.Color)	4284367926 (0xFF5E4436)
YUV	74.1780, -9.9478, 17.3839
Hunter-Lab	26.0390, 4.8106, 8.1826

Details

The Hex color **5E4436** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36505E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **927465**, and **2F190A** is the 20% darker color. If you saturate the color by 10%, you get **5E3E2D**, and if you desaturate by 10%, it is **5E4A3F**.

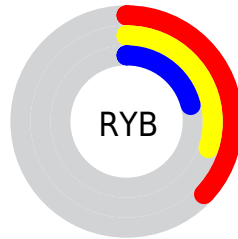
Distribution



 Red (37%)

 Green (27%)

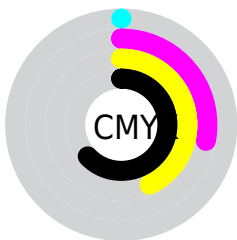
 Blue (21%)



 Red (37%)

 Yellow (30%)

 Blue (21%)

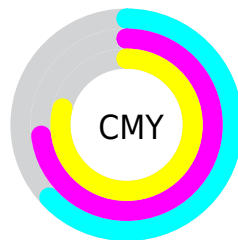


 Cyan (0%)

 Magenta (28%)

 Yellow (43%)

 Black (63%)



 Cyan (63%)

 Magenta (73%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4436 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 5E4436 by changing the saturation by 10% instead.

■ 5E4436

■ 5E4436

FFFFFF

■ 462E21

■ 927465

■ 2F190A

■ AC8E7E

■ 190000

■ C8A898

■ 000000

■ E4C3B2

■ FFDFCE

■ FFFCEA

■ 5E4436

■ 5E4436

■ 5E3E2D

■ 5E4A3F

■ 5E3823

■ 5E5049

■ 5E321A

■ 5E5652

■ 5E2C10

■ 5E5C5C

■ 5E2507

■ 5E6365

■ 5E2100

■ 5E696E

■ 5E6F78

■ 5E7581

■ 5E7B8B

Harmonies

Analogous

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



624140



5E4436



554831

Triad

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



5E4436



2C5047



484760

Complementary

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



5E4436



36505E

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.



374B62



5E4436



235053

Square

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



5E4436



3A4F3B



274F5D



574358

Rectangle

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



5E4436



4C4B32



274F5D



434961

Sweetspot

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



5E4436



7A706A



5E3650



3D3733



BDBDBD



3D3D3D

Same Dimension

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



5E4436



7A523C



5E5836



2E2B29



6E2600



ED5300

Inverse Universe

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



36505E



3C657A



363C5E



292C2E



00476E



009AED

Previews

White Background



This preview shows how the Hex color 5E4436 looks on a white background.

Color Contrast Check

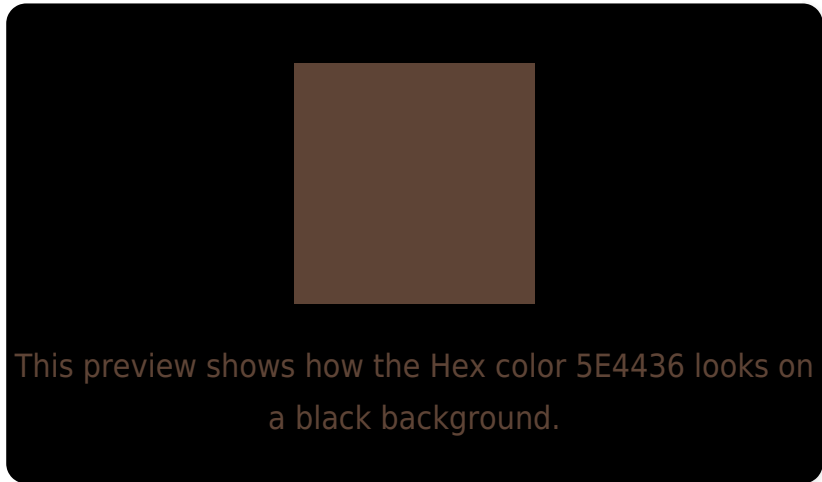
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E4436 Background



This preview shows how black text looks on a background with the Hex color 5E4436.

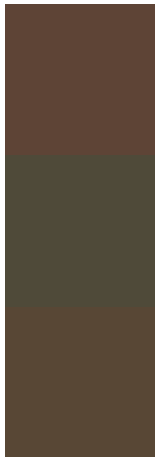


This preview shows how white text looks on a background with the Hex color 5E4436.

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
5E4436

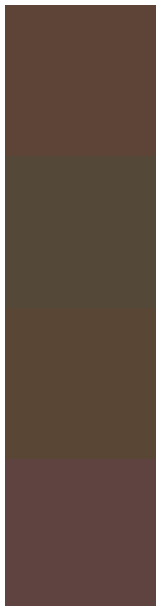
Protanopia
4F4A39

Deuteranopia
584735



Tritanopia
604247

Trichromacy



Original Color

5E4436

Protanomaly

544838

Deuteranomaly

5A4635

Tritanomaly

5F4341

Monochromacy



Original Color

5E4436

Achromatopsia

4A4A4A

Achromatomaly

514843

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4436 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 #5E4436 looks like.

```
.text, #text, p{  
    color:#5E4436  
}
```

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 #5E4436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4436
}
```

Border

The CSS property to change the border of an element to Hex 5E4436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

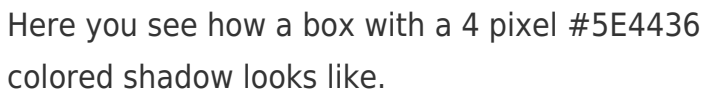
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4436 }
```

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

```
.border{ border-color:#5E4436 }
```

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



Here you see how a box with a 4 pixel #5E4436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4436; -webkit-box-shadow:4px 4px  
4px 4px #5E4436; box-shadow:4px 4px 4px  
4px #5E4436 }
```

Background

The CSS property to change the background color of an element to Hex 5E4436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4436 }
```

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

```
.background{ background-color:#5E4436 }
```

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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