

Converting Colors

Hex(5A4537)

Have a look what the booklet for
Hex(5A4537) contains.

Hex(5A4537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A4537)

Conversions

Conversions Part 1

Format	Color
Hex	5A4537
RGB	90, 69, 55
RGB Percent	35%, 27%, 22%
CMY	0.6471, 0.7294, 0.7843
CMYK	0.00, 0.23, 0.39, 0.65
HSL	24°, 24%, 28%
HSV	24°, 39%, 35%
XYZ	7.0342, 6.7057, 4.5380
YIQ	73.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

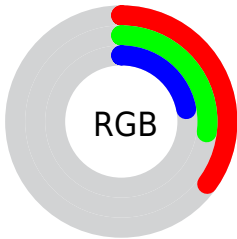
Format	Color
R_{YB}	90, 78, 55
Decimal	5915959
CIE _{Lab}	31.13, 6.79, 11.91
CIE _{LCh}	31, 13.710, 60.322
Yxy	6.7057, 0.3848, 0.3669
Android (android.graphics.Color)	4284106039 (0xFF5A4537)
YUV	73.6830, -9.2107, 14.3100
Hunter-Lab	25.8954, 3.1702, 7.7366

Details

The Hex color **5A4537** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **374C5A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8D7566**, and **2B1A0C** is the 20% darker color. If you saturate the color by 10%, you get **5A402E**, and if you desaturate by 10%, it is **5A4A40**.

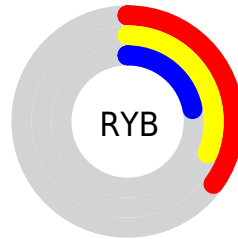
Distribution



 Red (35%)

 Green (27%)

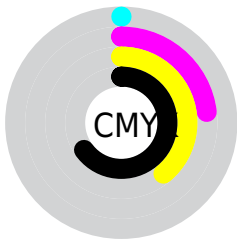
 Blue (22%)



 Red (35%)

 Yellow (31%)

 Blue (22%)

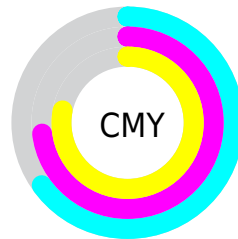



 Cyan (0%)

 Magenta (23%)

 Yellow (39%)

 Black (65%)



 Cyan (65%)

 Magenta (73%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4537 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 5A4537 by changing the saturation by 10% instead.

■ 5A4537

■ 5A4537

FFFFFF

■ 422F22

■ 8D7566

■ 2B1A0C

■ A88F7F

■ 150000

■ C3A999

■ 000000

■ DFC4B4

■ FCE0CF

■ FFFDEB

■ 5A4537

■ 5A4537

■ 5A402E

■ 5A4A40

■ 5A3A25

■ 5A5049

■ 5A351C

■ 5A5552

■ 5A2F13

■ 5A5B5B

■ 5A2A0A

■ 5A6064

■ 5A2501

■ 5A656D

■ 5A2400

■ 5A6B76

■ 5A707F

■ 5A7688

Harmonies

Analogous

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



5F423F



5A4537



514934

Triad

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



5A4537



2F4F49



4B465C

Complementary

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



5A4537



374C5A

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.



3C4A5E



5A4537



2A4F54

Square

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



5A4537



394E3E



2F4D5C



574354

Rectangle

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



5A4537



4A4B35



2F4D5C



46485D

Sweetspot

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



5A4537



756D67



5A374C



3B3632



BABABA



3B3B3B

Same Dimension

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



5A4537



75543E



5A5637



2E2B29



6E2C00



ED5F00

Inverse Universe

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



374C5A



3E5F75



373A5A



292C2E



00426E



008EED

Previews

White Background



This preview shows how the Hex color 5A4537 looks on a white background.

Color Contrast Check

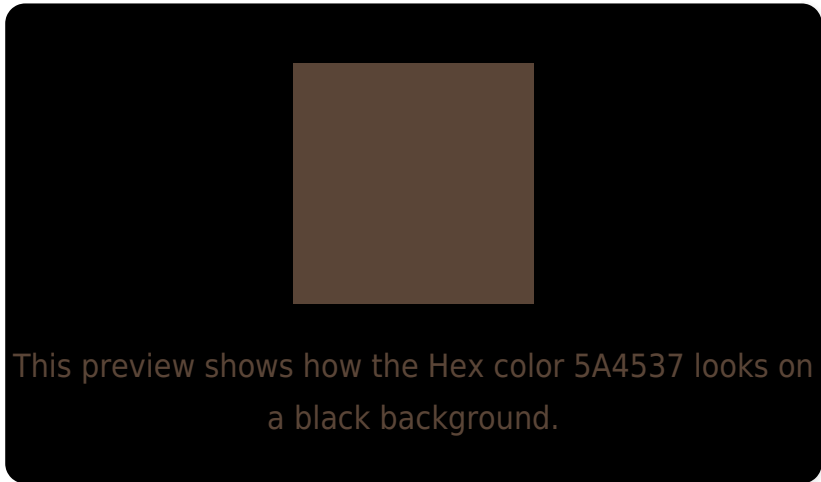
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A4537 Background



This preview shows how black text looks on a background with the Hex color 5A4537.

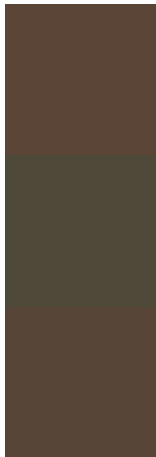


This preview shows how white text looks on a background with the Hex color 5A4537.

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
5A4537

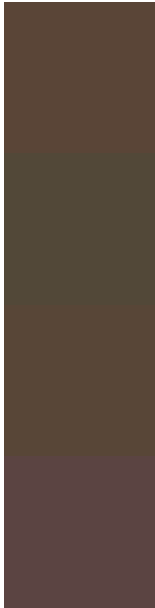
Protanopia
4E4939

Deuteranopia
574637



Tritanopia
5C4348

Trichromacy



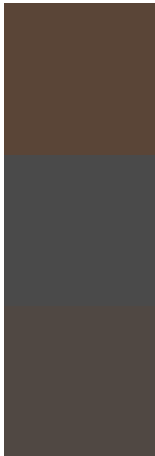
Original Color
5A4537

Protanomaly
524838

Deuteranomaly
584637

Tritanomaly
5B4442

Monochromacy



Original Color
5A4537

Achromatopsia
4A4A4A

Achromatomaly
504843

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4537 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 #5A4537 looks like.

```
.text, #text, p{  
    color:#5A4537  
}
```

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 #5A4537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4537  
}
```

Border

The CSS property to change the border of an element to Hex 5A4537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

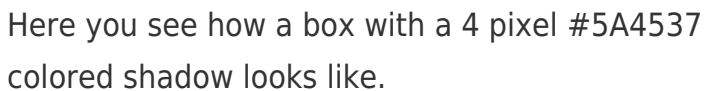
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5A4537 }
```

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

```
.border{ border-color:#5A4537 }
```

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



Here you see how a box with a 4 pixel #5A4537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4537; -webkit-box-shadow:4px 4px  
4px 4px #5A4537; box-shadow:4px 4px 4px  
4px #5A4537 }
```

Background

The CSS property to change the background color of an element to Hex 5A4537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4537 }
```

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

```
.background{ background-color:#5A4537 }
```

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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