

Converting Colors

Hex(5B4434)

Have a look what the booklet for
Hex(5B4434) contains.

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Color

Hex(5B4434)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 5B4434 |
| RGB | 91, 68, 52 |
| RGB Percent | 36%, 27%, 20% |
| CMY | 0.6431, 0.7333, 0.7961 |
| CMYK | 0.00, 0.25, 0.43, 0.64 |
| HSL | 25°, 27%, 28% |
| HSV | 25°, 43%, 36% |
| XYZ | 7.0013, 6.6063, 4.1549 |
| YIQ | 73.0530, 18.8440, -0.1000 |

Conversions

Conversions Part 2

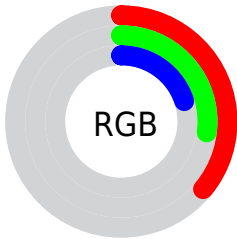
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 91, 79, 52 |
| Decimal | 5981236 |
| CIE Lab | 30.89, 7.47, 13.52 |
| CIE LCh | 31, 15.444, 61.073 |
| Yxy | 6.6063, 0.3942, 0.3719 |
| Android (android.graphics.Color) | 4284171316 (0xFF5B4434) |
| YUV | 73.0530, -10.3791, 15.7395 |
| Hunter-Lab | 25.7028, 3.6429, 8.4075 |

Details

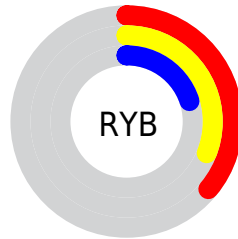
The Hex color **5B4434** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **344B5B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8E7463**, and **2C1907** is the 20% darker color. If you saturate the color by 10%, you get **5B3F2B**, and if you desaturate by 10%, it is **5B493D**.

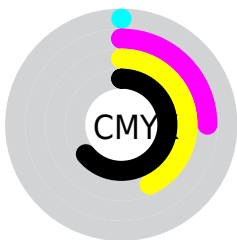
Distribution



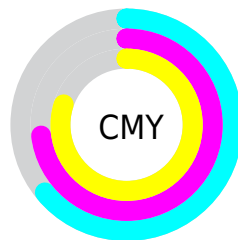
- Red (36%)
- Green (27%)
- Blue (20%)



- Red (36%)
- Yellow (31%)
- Blue (20%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (64%)



- Cyan (64%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4434 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 5B4434 by changing the saturation by 10% instead.

■ 5B4434

■ 5B4434

FFFFFF

■ 432E1F

■ 8E7463

■ 2C1907

■ A98E7C

■ 150000

■ C5A895

■ 000000

■ E1C3B0

■ FEDFCB

■ FFFCE8

■ 5B4434

■ 5B4434

■ 5B3F2B

■ 5B493D

■ 5B3922

■ 5B4F46

■ 5B3419

■ 5B544F

■ 5B2F10

■ 5B5958

■ 5B2906

■ 5B5F62

■ 5B2500

■ 5B646B

■ 5B6A74

■ 5B6F7D

■ 5B7486

Harmonies

Analogous

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



61413D



5B4434



514831

Triad

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



5B4434



294F49



4B455D

Complementary

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



5B4434



344B5B

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.



3A4A61



5B4434



234F55

Square

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



5B4434



364E3D



2A4D5D



594255

Rectangle

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



5B4434



494B32



2A4D5D



46475F

Sweetspot

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



5B4434



756C66



5B344B



3B3531



BABABA



3B3B3B

Same Dimension

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



5B4434



755239



5B5734



2E2B29



6E2D00



ED6100

Inverse Universe

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



344B5B



395D75



34385B



292C2E



00416E



008CED

Previews

White Background



This preview shows how the Hex color 5B4434 looks on a white background.

Color Contrast Check

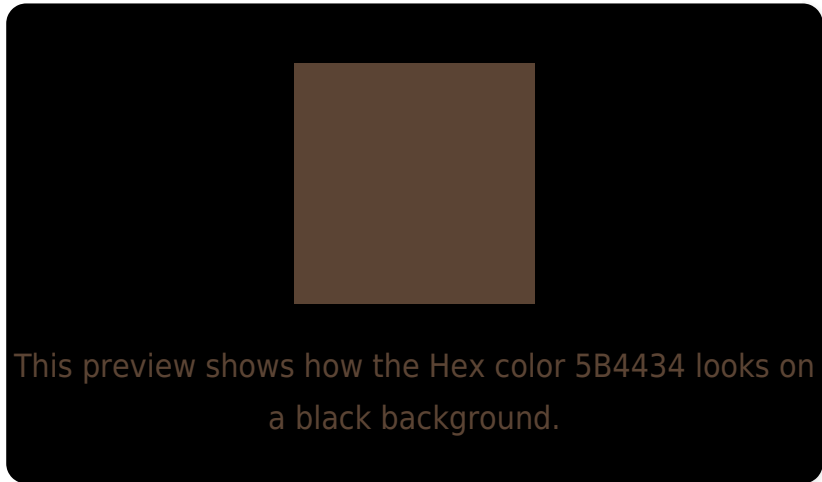
Large Text (above 18pt) WCAG AA ✓ Pass

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

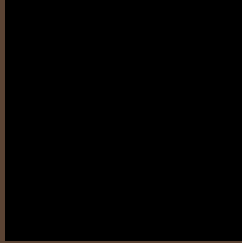
Any Text WCAG AA × Fail

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 5B4434 Background



This preview shows how black text looks on a background with the Hex color 5B4434.

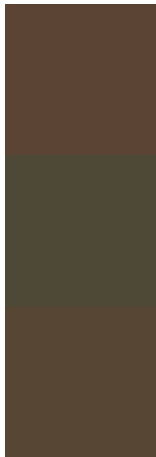


This preview shows how white text looks on a background with the Hex color 5B4434.

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
5B4434

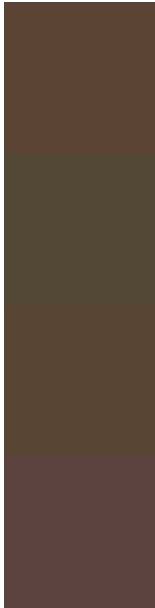
Protanopia
4E4936

Deuteranopia
574634



Tritanopia
5D4247

Trichromacy



Original Color

5B4434

Protanomaly

534735

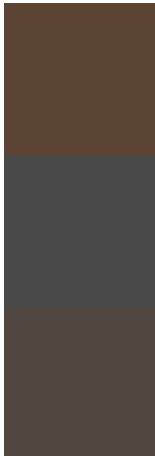
Deuteranomaly

584534

Tritanomaly

5C4340

Monochromacy



Original Color

5B4434

Achromatopsia

494949

Achromatomaly

504741

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4434 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 #5B4434 looks like.

```
.text, #text, p{  
    color:#5B4434  
}
```

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 #5B4434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4434
}
```

Border

The CSS property to change the border of an element to Hex 5B4434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

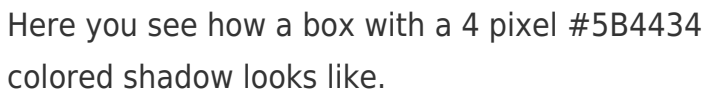
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4434 }
```

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

```
.border{ border-color:#5B4434 }
```

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



Here you see how a box with a 4 pixel #5B4434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4434; -webkit-box-shadow:4px 4px  
4px 4px #5B4434; box-shadow:4px 4px 4px  
4px #5B4434 }
```

Background

The CSS property to change the background color of an element to Hex 5B4434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4434 }
```

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

```
.background{ background-color:#5B4434 }
```

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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