

Converting Colors

Hex(5B4644)

Have a look what the booklet for
Hex(5B4644) contains.

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Color

Hex(5B4644)

Conversions

Conversions Part 1

Format	Color
Hex	5B4644
RGB	91, 70, 68
RGB Percent	36%, 27%, 27%
CMY	0.6431, 0.7255, 0.7333
CMYK	0.00, 0.23, 0.25, 0.64
HSL	5°, 14%, 31%
HSV	5°, 25%, 36%
XYZ	7.5479, 7.0218, 6.4264
YIQ	76.0510, 13.1580, 3.8300

Conversions

Conversions Part 2

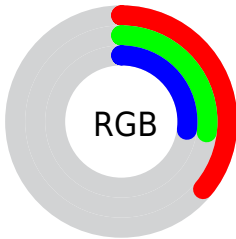
Format	Color
RYB	91, 70, 68
Decimal	5981764
CIELab	31.86, 8.64, 4.64
CIElCh	32, 9.805, 28.258
Yxy	7.0218, 0.3595, 0.3344
Android (android.graphics.Color)	4284171844 (0xFF5B4644)
YUV	76.0510, -3.9691, 13.1103
Hunter-Lab	26.4987, 4.4714, 4.1703

Details

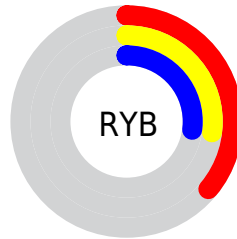
The Hex color **5B4644** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44595B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8E7674**, and **2C1B19** is the 20% darker color. If you saturate the color by 10%, you get **5B3E3B**, and if you desaturate by 10%, it is **5B4E4D**.

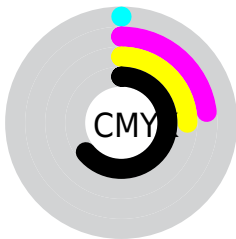
Distribution



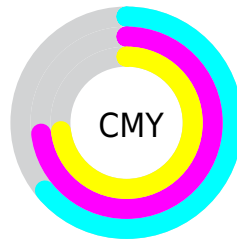
- Red (36%)
- Green (27%)
- Blue (27%)



- Red (36%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4644 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 5B4644 by changing the saturation by 10% instead.



5B4644



5B4644

FFFFFF



43302E



8E7674



2C1B19



A8908E



190000



C4ABA8



000000



E0C6C3



FCE2DF

FFFFFFC



5B4644



5B4644



5B3E3B



5B4E4D

■ 5B3532

■ 5B5756

■ 5B2D29

■ 5B5F5F

■ 5B2520

■ 5B6768

■ 5B1C16

■ 5B7072

■ 5B140D

■ 5B787B

■ 5B0C04

■ 5B8084

■ 5B0800

■ 5B888D

■ 5B9196

Harmonies

Analogous

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



5A464C



5B4644



58483E

Triad

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



5B4644



404F43



424C5A

Complementary

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



5B4644



44595B

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.



3A4E58



5B4644



394F4A

Square

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



5B4644



494D3D



364F52



4C4958

Rectangle

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



5B4644



54493C



364F52



3F4D5A

Sweetspot

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



5B4644



756D6C



5B4459



3B3535



BABABA



3B3B3B

Same Dimension

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



5B4644



755552



5B5144



2E2A29



6E0A00



ED1500

Inverse Universe

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



44595B



527275



444E5B



292E2E



00646E



00D9ED

Previews

White Background



This preview shows how the Hex color 5B4644 looks on a white background.

Color Contrast Check

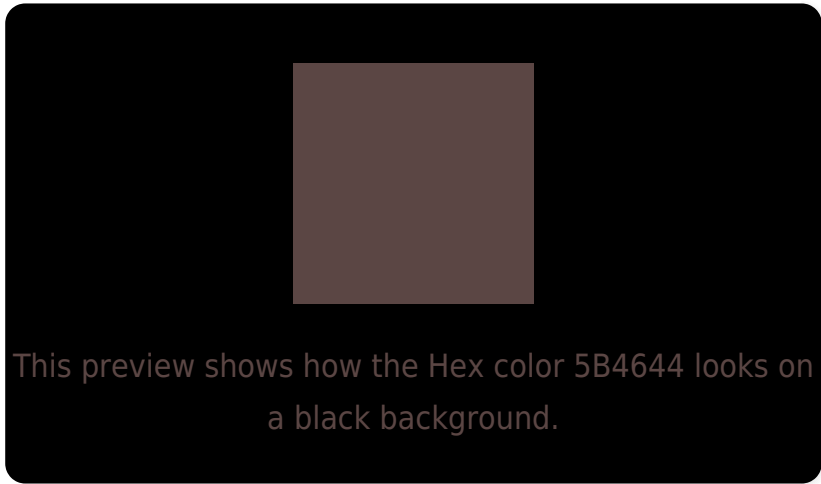
Large Text (above 18pt) WCAG AA ✓ Pass

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

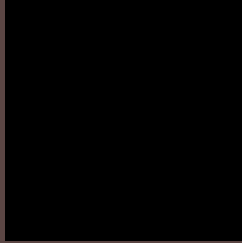
Any Text WCAG AA × Fail

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 5B4644 Background



This preview shows how black text looks on a background with the Hex color 5B4644.

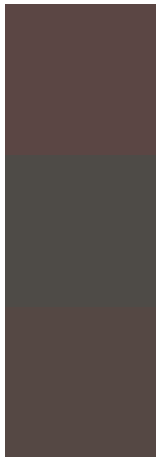


This preview shows how white text looks on a background with the Hex color 5B4644.

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
5B4644

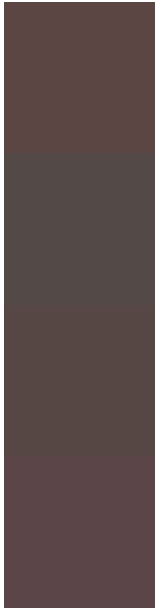
Protanopia
4E4B47

Deuteranopia
554844



Tritanopia
5C454A

Trichromacy



Original Color

5B4644

Protanomaly

534946

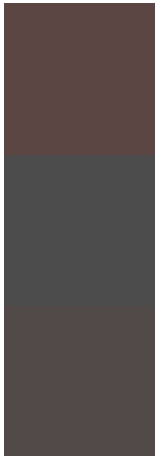
Deuteranomaly

574744

Tritanomaly

5C4548

Monochromacy



Original Color

5B4644

Achromatopsia

4C4C4C

Achromatomaly

514A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4644 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 #5B4644 looks like.

```
.text, #text, p{  
    color:#5B4644  
}
```

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 #5B4644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4644
}
```

Border

The CSS property to change the border of an element to Hex 5B4644 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".

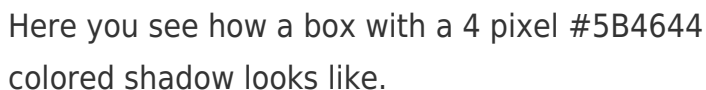
```
.border, #border, table{ border:4px solid
#5B4644 }
```

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

```
.border{ border-color:#5B4644 }
```

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

Here you see how a box with a 4 pixel #5B4644 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4644; -webkit-box-shadow:4px 4px  
4px 4px #5B4644; box-shadow:4px 4px 4px  
4px #5B4644 }
```

Background

The CSS property to change the background color of an element to Hex 5B4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4644 }
```

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

```
.background{ background-color:#5B4644 }
```

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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