

Converting Colors

Hex(5B4844)

Have a look what the booklet for
Hex(5B4844) contains.

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Color

Hex(5B4844)

Conversions

Conversions Part 1

Format	Color
Hex	5B4844
RGB	91, 72, 68
RGB Percent	36%, 28%, 27%
CMY	0.6431, 0.7176, 0.7333
CMYK	0.00, 0.21, 0.25, 0.64
HSL	10°, 14%, 31%
HSV	10°, 25%, 36%
XYZ	7.6751, 7.2762, 6.4688
YIQ	77.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

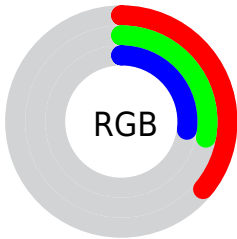
Format	Color
RYB	91, 73, 68
Decimal	5982276
CIELab	32.43, 7.38, 5.46
CIElCh	32, 9.174, 36.492
Yxy	7.2762, 0.3583, 0.3397
Android (android.graphics.Color)	4284172356 (0xFF5B4844)
YUV	77.2250, -4.5479, 12.0807
Hunter-Lab	26.9745, 3.5838, 4.6638

Details

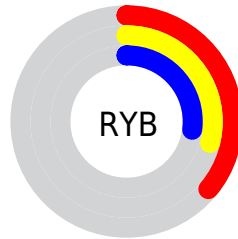
The Hex color **5B4844** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44575B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8E7974**, and **2D1C19** is the 20% darker color. If you saturate the color by 10%, you get **5B403B**, and if you desaturate by 10%, it is **5B504D**.

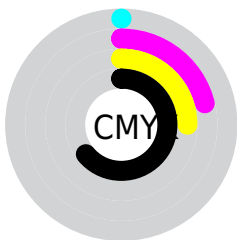
Distribution



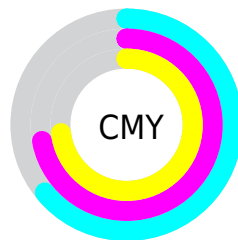
- Red (36%)
- Green (28%)
- Blue (27%)



- Red (36%)
- Yellow (29%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (64%)



- Cyan (64%)
- Magenta (72%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4844 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 5B4844 by changing the saturation by 10% instead.

■ 5B4844

■ 5B4844

FFFFFF

■ 43322E

■ 8E7974

■ 2D1C19

■ A8928E

■ 190300

■ C3ADA8

■ 000000

■ E0C8C3

■ FCE4DF

FFFFFFC

■ 5B4844

■ 5B4844

■ 5B403B

■ 5B504D

 5B3932

 5B5756

 5B3129

 5B5F5F

 5B2A20

 5B6668

 5B2216

 5B6E72

 5B1B0D

 5B757B

 5B1304

 5B7D84

 5B1000

 5B848D

 5B8C96

Harmonies

Analogous

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



5B474B



5B4844



574A3F

Triad

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



5B4844



405046



464C5A

Complementary

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



5B4844



44575B

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.



3E4F59



5B4844



3B514E

Square

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



5B4844



484E41



395055



504A58

Rectangle

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



5B4844



534B3E



395055



434D5A

Sweetspot

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



5B4844



756E6C



5B4457



3B3635



BABABA



3B3B3B

Same Dimension

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



5B4844



755852



5B5344



2E2A29



6E1300



ED2900

Inverse Universe

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



44575B



526F75



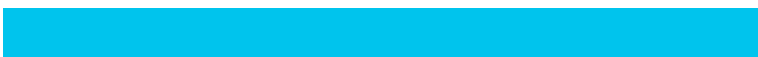
444C5B



292D2E



005B6E



00C4ED

Previews

White Background



This preview shows how the Hex color 5B4844 looks on a white background.

Color Contrast Check

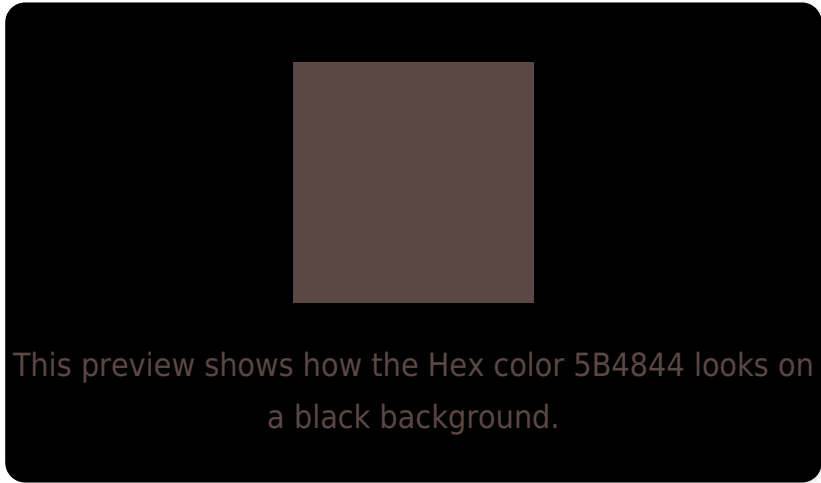
Large Text (above 18pt) WCAG AA ✓ Pass

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

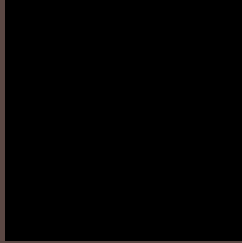
Any Text WCAG AA × Fail

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 5B4844 Background



This preview shows how black text looks on a background with the Hex color 5B4844.

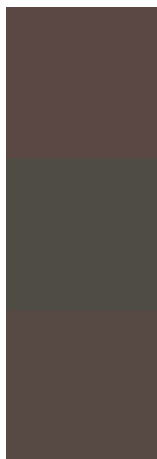


This preview shows how white text looks on a background with the Hex color 5B4844.

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
5B4844

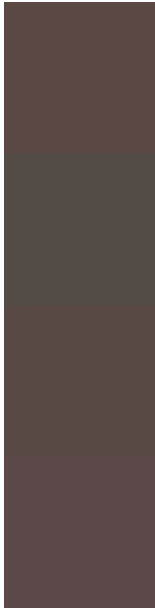
Protanopia
4F4C46

Deuteranopia
574A44



Tritanopia
5C474C

Trichromacy



Original Color

5B4844

Protanomaly

534B45

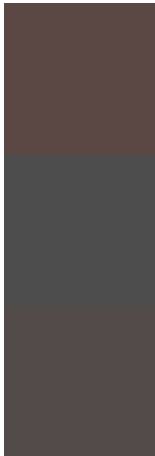
Deuteranomaly

584944

Tritanomaly

5C4749

Monochromacy



Original Color

5B4844

Achromatopsia

4D4D4D

Achromatomaly

524B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4844 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 #5B4844 looks like.

```
.text, #text, p{  
    color:#5B4844  
}
```

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 #5B4844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4844
}
```

Border

The CSS property to change the border of an element to Hex 5B4844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

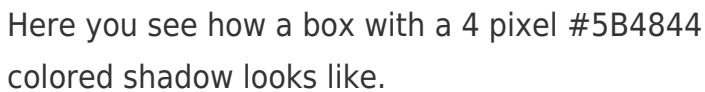
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4844 }
```

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

```
.border{ border-color:#5B4844 }
```

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



Here you see how a box with a 4 pixel #5B4844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4844; -webkit-box-shadow:4px 4px  
4px 4px #5B4844; box-shadow:4px 4px 4px  
4px #5B4844 }
```

Background

The CSS property to change the background color of an element to Hex 5B4844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4844 }
```

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

```
.background{ background-color:#5B4844 }
```

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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