

Converting Colors

Hex(5B5239)

Have a look what the booklet for
Hex(5B5239) contains.

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Color

Hex(5B5239)

Conversions

Conversions Part 1

Format	Color
Hex	5B5239
RGB	91, 82, 57
RGB Percent	36%, 32%, 22%
CMY	0.6431, 0.6784, 0.7765
CMYK	0.00, 0.10, 0.37, 0.64
HSL	44°, 23%, 29%
HSV	44°, 37%, 36%
XYZ	8.0702, 8.5541, 5.0967
YIQ	81.8410, 13.3890, -5.8670

Conversions

Conversions Part 2

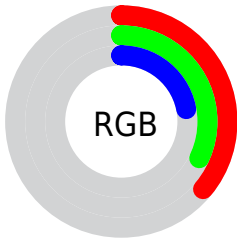
Format	Color
RYB	69, 91, 57
Decimal	5984825
CIELab	35.11, -0.55, 16.04
CIELCh	35, 16.054, 91.948
Yxy	8.5541, 0.3715, 0.3938
Android (android.graphics.Color)	4284174905 (0xFF5B5239)
YUV	81.8410, -12.2466, 8.0324
Hunter-Lab	29.2475, -1.9299, 10.1413

Details

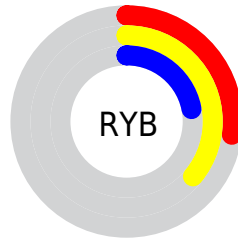
The Hex color **5B5239** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **39425B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8E8368**, and **2C250E** is the 20% darker color. If you saturate the color by 10%, you get **5B5030**, and if you desaturate by 10%, it is **5B5442**.

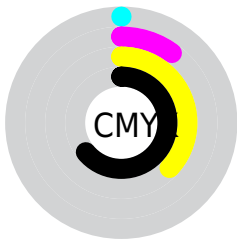
Distribution



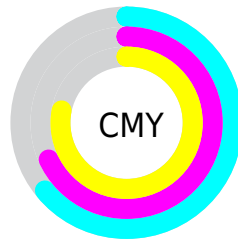
- Red (36%)
- Green (32%)
- Blue (22%)



- Red (27%)
- Yellow (36%)
- Blue (22%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (64%)



- Cyan (64%)
- Magenta (68%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5239 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 5B5239 by changing the saturation by 10% instead.



5B5239



5B5239

FFFFFF



433B23



8E8368



2C250E



A89D81



171100



C4B89C



000000



E0D4B6



FD0D2



FFFEE



5B5239



5B5239



5B5030



5B5442

■ 5B4D27

■ 5B574B

■ 5B4B1E

■ 5B5954

■ 5B4815

■ 5B5C5D

■ 5B460B

■ 5B5E67

■ 5B4402

■ 5B6070

■ 5B4300

■ 5B6379

■ 5B6582

■ 5B688B

Harmonies

Analogous

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



664E3C



5B5239



4D563D

Triad

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



5B5239



2C5960



644B5F

Complementary

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



5B5239



39425B

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.



564F68



5B5239



335769

Square

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



5B5239



315A53



44536C



6B4952

Rectangle

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



5B5239



435842



44536C



604C62

Sweetspot

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



5B5239



757268



5B3942



3B3933



BABABA



3B3B3B

Same Dimension

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



5B5239



756741



535B39



2E2D29



6E5100



EDAE00

Inverse Universe

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



39425B



414E75



41395B



292B2E



001D6E



003FED

Previews

White Background



This preview shows how the Hex color 5B5239 looks on a white background.

Color Contrast Check

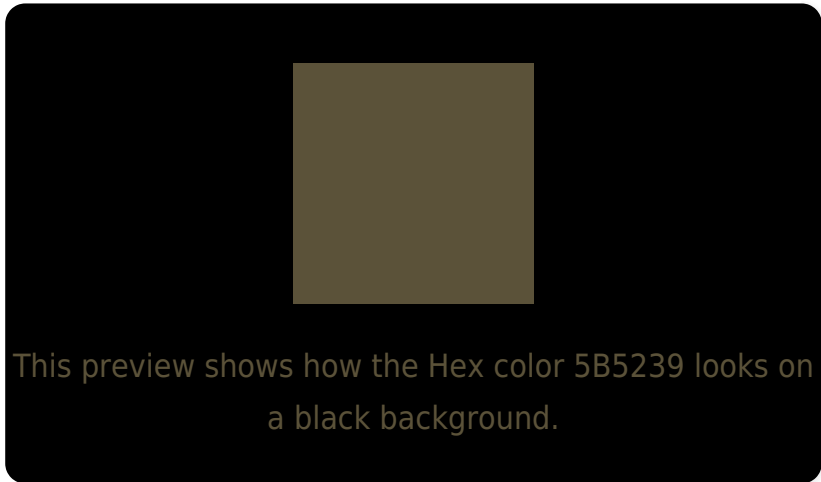
Large Text (above 18pt) WCAG AA ✓ Pass

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

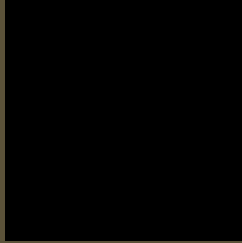
Any Text WCAG AA × Fail

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 5B5239 Background



This preview shows how black text looks on a background with the Hex color 5B5239.

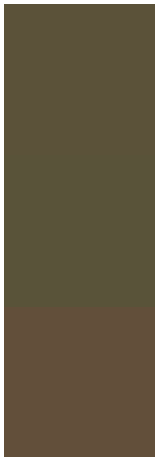


This preview shows how white text looks on a background with the Hex color 5B5239.

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
5B5239

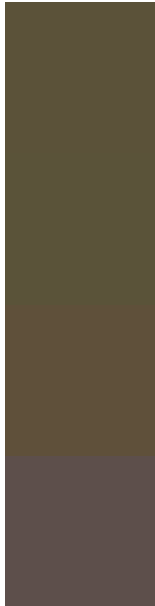
Protanopia
595339

Deuteranopia
624F3A



Tritanopia
5E4E55

Trichromacy



Original Color
5B5239

Protanomaly
5A5339

Deuteranomaly
5F503A

Tritanomaly
5D4F4B

Monochromacy



Original Color
5B5239

Achromatopsia
525252

Achromatomaly
555249

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5239 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 #5B5239 looks like.

```
.text, #text, p{  
    color:#5B5239  
}
```

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 #5B5239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5239
}
```

Border

The CSS property to change the border of an element to Hex 5B5239 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".

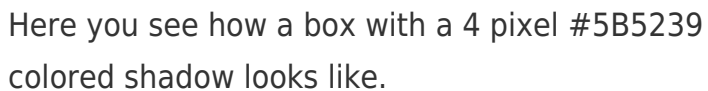
```
.border, #border, table{ border:4px solid
#5B5239 }
```

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

```
.border{ border-color:#5B5239 }
```

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

Here you see how a box with a 4 pixel #5B5239 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5239; -webkit-box-shadow:4px 4px  
4px 4px #5B5239; box-shadow:4px 4px 4px  
4px #5B5239 }
```

Background

The CSS property to change the background color of an element to Hex 5B5239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5239 }
```

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

```
.background{ background-color:#5B5239 }
```

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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