

Converting Colors

Hex(5B5246)

Have a look what the booklet for
Hex(5B5246) contains.

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Color

Hex(5B5246)

Conversions

Conversions Part 1

Format	Color
Hex	5B5246
RGB	91, 82, 70
RGB Percent	36%, 32%, 27%
CMY	0.6431, 0.6784, 0.7255
CMYK	0.00, 0.10, 0.23, 0.64
HSL	34°, 13%, 32%
HSV	34°, 23%, 36%
XYZ	8.4372, 8.7009, 7.0291
YIQ	83.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

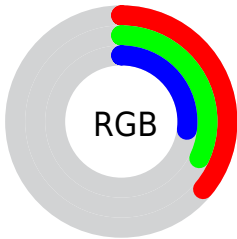
Format	Color
R_YB	86, 91, 70
Decimal	5984838
CIE Lab	35.40, 1.48, 8.39
CIE LCh	35, 8.523, 79.978
Yxy	8.7009, 0.3491, 0.3600
Android (android.graphics.Color)	4284174918 (0xFF5B5246)
YUV	83.3230, -6.5682, 6.7327
Hunter-Lab	29.4973, -0.5637, 6.5195

Details

The Hex color **5B5246** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **464F5B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8D8376**, and **2D251B** is the 20% darker color. If you saturate the color by 10%, you get **5B4E3D**, and if you desaturate by 10%, it is **5B564F**.

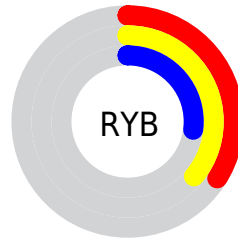
Distribution



Red (36%)

Green (32%)

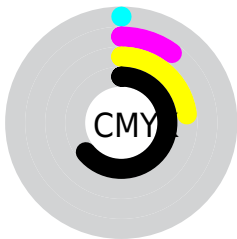
Blue (27%)



Red (34%)

Yellow (36%)

Blue (27%)

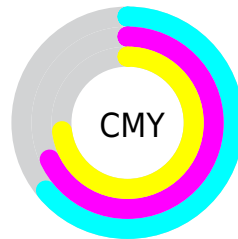


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (64%)



Cyan (64%)

Magenta (68%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5246 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 5B5246 by changing the saturation by 10% instead.



5B5246



5B5246

FFFFFF



433B30



8D8376



2D251B



A89D90



1A1000



C3B8AA



000000



DFD4C6



FCF0E2

FFFFFFE



5B5246



5B5246



5B4E3D



5B564F

■ 5B4A34

■ 5B5A58

■ 5B462B

■ 5B5E61

■ 5B4222

■ 5B626A

■ 5B3F19

■ 5B6674

■ 5B3B0F

■ 5B697D

■ 5B3706

■ 5B6D86

■ 5B3400

■ 5B718F

■ 5B7598

Harmonies

Analogous

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



605049



5B5246



545446

Triad

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



5B5246



425758



5A505C

Complementary

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



5B5246



464F5B

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.



525260



5B5246



43565D

Square

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



5B5246



455751



495560



604F56

Rectangle

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



5B5246



4F5649



495560



57515E

Sweetspot

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



5B5246



75726D



5B464F



3B3936



BABABA



3B3B3B

Same Dimension

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



5B5246



756754



5A5B46



2E2C29



6E3F00



ED8800

Inverse Universe

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



464F5B



546375



47465B



292B2E



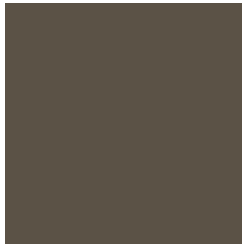
002F6E



0066ED

Previews

White Background



This preview shows how the Hex color 5B5246 looks on a white background.

Color Contrast Check

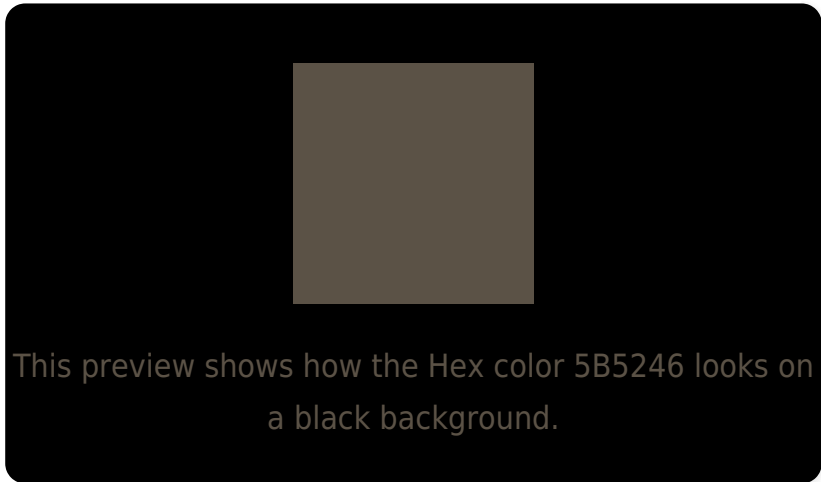
Large Text (above 18pt) WCAG AA ✓ Pass

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

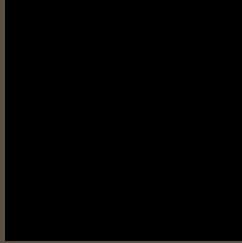
Any Text WCAG AA × Fail

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 5B5246 Background



This preview shows how black text looks on a background with the Hex color 5B5246.

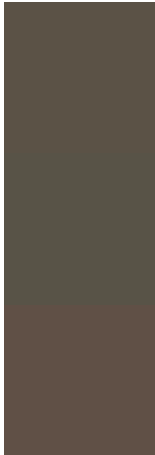


This preview shows how white text looks on a background with the Hex color 5B5246.

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
5B5246

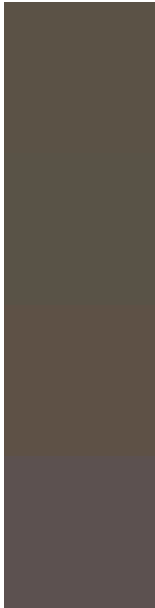
Protanopia
585347

Deuteranopia
605046



Tritanopia
5D5056

Trichromacy



Original Color
5B5246

Protanomaly
595347

Deuteranomaly
5E5146

Tritanomaly
5C5150

Monochromacy



Original Color
5B5246

Achromatopsia
535353

Achromatomaly
56534E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5246 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 #5B5246 looks like.

```
.text, #text, p{  
    color:#5B5246  
}
```

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 #5B5246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5246
}
```

Border

The CSS property to change the border of an element to Hex 5B5246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

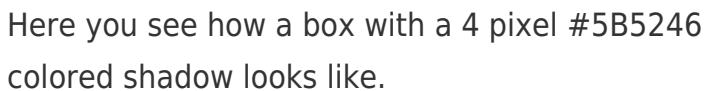
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5246 }
```

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

```
.border{ border-color:#5B5246 }
```

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



Here you see how a box with a 4 pixel #5B5246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5246; -webkit-box-shadow:4px 4px  
4px 4px #5B5246; box-shadow:4px 4px 4px  
4px #5B5246 }
```

Background

The CSS property to change the background color of an element to Hex 5B5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5246 }
```

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

```
.background{ background-color:#5B5246 }
```

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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