

Converting Colors

Hex(5B5B45)

Have a look what the booklet for
Hex(5B5B45) contains.

Hex(5B5B45)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B5B45)

Conversions

Conversions Part 1

Format	Color
Hex	5B5B45
RGB	91, 91, 69
RGB Percent	36%, 36%, 27%
CMY	0.6431, 0.6431, 0.7294
CMYK	0.00, 0.00, 0.24, 0.64
HSL	60°, 14%, 31%
HSV	60°, 24%, 36%
XYZ	9.1296, 10.1360, 7.1055
YIQ	88.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

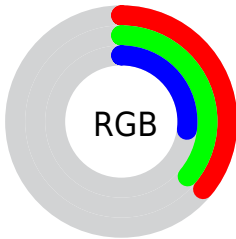
Format	Color
RYB	69, 91, 69
Decimal	5987141
CIELab	38.09, -4.14, 12.73
CIElCh	38, 13.387, 108.019
Yxy	10.1360, 0.3462, 0.3844
Android (android.graphics.Color)	4284177221 (0xFF5B5B45)
YUV	88.4920, -9.6096, 2.1995
Hunter-Lab	31.8371, -4.5279, 9.0534

Details

The Hex color **5B5B45** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45455B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8D8D75**, and **2D2D1A** is the 20% darker color. If you saturate the color by 10%, you get **5B5B3C**, and if you desaturate by 10%, it is **5B5B4E**.

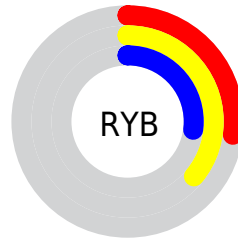
Distribution



Red (36%)

Green (36%)

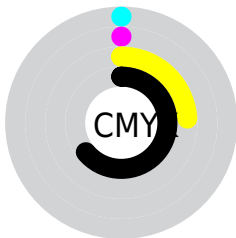
Blue (27%)



Red (27%)

Yellow (36%)

Blue (27%)

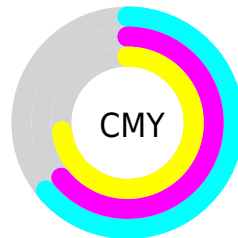


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (64%)



Cyan (64%)

Magenta (64%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5B45 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 5B5B45 by changing the saturation by 10% instead.



5B5B45



5B5B45

FFFFFF



43442F



8D8D75



2D2D1A



A8A78F



1A1900



C3C3A9



000000



DFDFC5



FCFBE1

FFFFFFD



5B5B45



5B5B45



5B5B3C



5B5B4E

 5B5B33

 5B5B57

 5B5B2A

 5B5B60

 5B5B21

 5B5B69

 5B5B17

 5B5B73

 5B5B0E

 5B5B7C

 5B5B05

 5B5B85

 5B5B00

 5B5B8E

 5B5B97

Harmonies

Analogous

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



665745



5B5B45



4F5E4B

Triad

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



5B5B45



3D5F69



6D525E

Complementary

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



5B5B45



45455B

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.



635568



5B5B45



475C6F

Square

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



5B5B45



3C6060



56586E



705253

Rectangle

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



5B5B45



475F51



56586E



6A5362

Sweetspot

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



5B5B45



75756D



5B4545



3B3B36



BABABA



3B3B3B

Same Dimension

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



5B5B45



757553



505B45



2E2E29



6E6E00



EDED00

Inverse Universe

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



45455B



535375



50455B



29292E



00006E



0000ED

Previews

White Background



This preview shows how the Hex color 5B5B45 looks on a white background.

Color Contrast Check

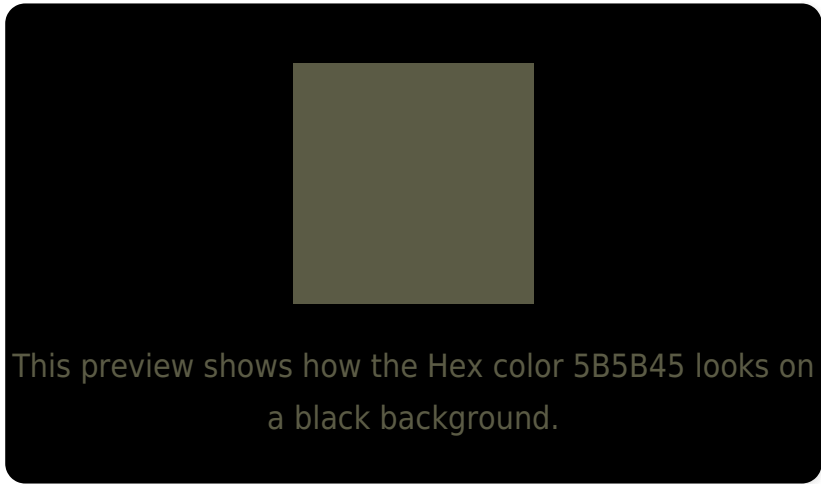
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

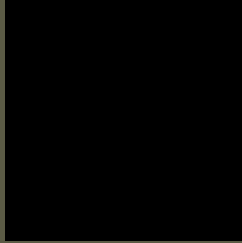
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

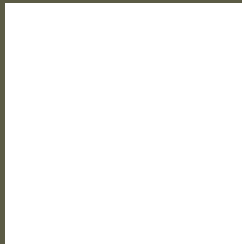
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5B5B45 Background



This preview shows how black text looks on a background with the Hex color 5B5B45.



This preview shows how white text looks on a background with the Hex color 5B5B45.

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

5B5B45

Protanopia

605944

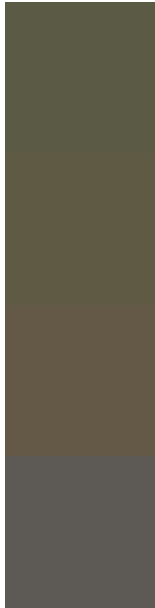
Deuteranopia

695646



Tritanopia
5E585E

Trichromacy



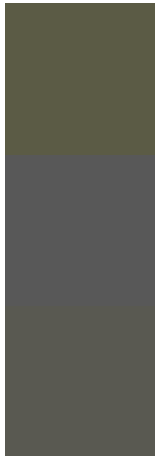
Original Color
5B5B45

Protanomaly
5E5A44

Deuteranomaly
645846

Tritanomaly
5D5955

Monochromacy



Original Color
5B5B45

Achromatopsia
585858

Achromatomaly
595951

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5B45 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 #5B5B45 looks like.

```
.text, #text, p{  
    color:#5B5B45  
}
```

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 #5B5B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5B45
}
```

Border

The CSS property to change the border of an element to Hex 5B5B45 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".

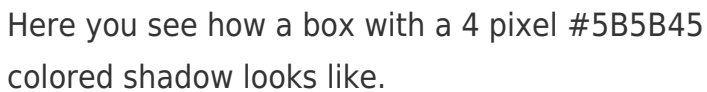
```
.border, #border, table{ border:4px solid
#5B5B45 }
```

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

```
.border{ border-color:#5B5B45 }
```

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

Here you see how a box with a 4 pixel #5B5B45 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5B45; -webkit-box-shadow:4px 4px  
4px 4px #5B5B45; box-shadow:4px 4px 4px  
4px #5B5B45 }
```

Background

The CSS property to change the background color of an element to Hex 5B5B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5B45 }
```

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

```
.background{ background-color:#5B5B45 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor