

Converting Colors

Hex(5B5623)

Have a look what the booklet for
Hex(5B5623) contains.

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Color

Hex(5B5623)

Conversions

Conversions Part 1

Format	Color
Hex	5B5623
RGB	91, 86, 35
RGB Percent	36%, 34%, 14%
CMY	0.6431, 0.6627, 0.8627
CMYK	0.00, 0.05, 0.62, 0.64
HSL	55°, 44%, 25%
HSV	55°, 62%, 36%
XYZ	7.9455, 9.0011, 2.9087
YIQ	81.6810, 19.3510, -14.8010

Conversions

Conversions Part 2

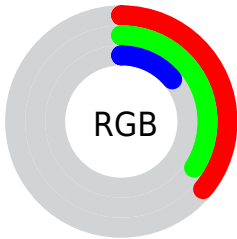
Format	Color
R_YB	40, 91, 35
Decimal	5985827
CIE Lab	35.99, -5.45, 29.84
CIE LCh	36, 30.339, 100.358
Yxy	9.0011, 0.4002, 0.4533
Android (android.graphics.Color)	4284175907 (0xFF5B5623)
YUV	81.6810, -23.0137, 8.1728
Hunter-Lab	30.0018, -5.2300, 15.2530

Details

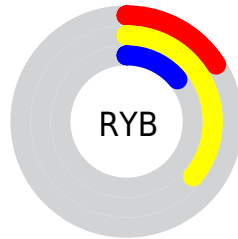
The Hex color **5B5623** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **23285B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8F8852**, and **2C2900** is the 20% darker color. If you saturate the color by 10%, you get **5B551A**, and if you desaturate by 10%, it is **5B572C**.

Distribution



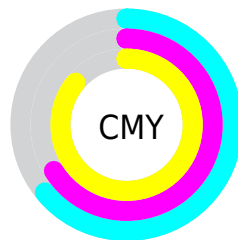
- Red (36%)
- Green (34%)
- Blue (14%)



- Red (16%)
- Yellow (36%)
- Blue (14%)



- Cyan (0%)
- Magenta (5%)
- Yellow (62%)
- Black (64%)



- Cyan (64%)
- Magenta (66%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5623 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 5B5623 by changing the saturation by 10% instead.

 5B5623

 5B5623

FFFFFF

 423F0C

 8F8852

 2C2900

 AAA26A

 121500

 C6BD84

 000000

 E2D89E

 FFF5BA

 FFFFD5

 FFFFF2

 5B5623

 5B5623

■ 5B551A

■ 5B572C

■ 5B5411

■ 5B5835

■ 5B5408

■ 5B583E

■ 5B5300

■ 5B5947

■ 5B5A51

■ 5B5B5A

■ 5B5C63

■ 5B5D6C

■ 5B5D75

Harmonies

Analogous

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



704E26



5B5623



415C2E

Triad

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



5B5623



006073



794366

Complementary

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



5B5623



23285B

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.



624B7A



5B5623



005C82

Square

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



5B5623



00615D



3B5484



82404D

Rectangle

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



5B5623



2B5F3C



3B5484



73456D

Sweetspot

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



5B5623



757360



5B2329



3B392E



BABABA



3B3B3B

Same Dimension

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



5B5623



756E1E



455B23



2E2D29



6E6400



EDD800

Inverse Universe

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



23285B



1E2675



39235B



292A2E



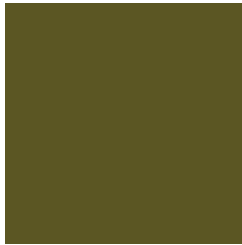
000A6E



0015ED

Previews

White Background



This preview shows how the Hex color 5B5623 looks on a white background.

Color Contrast Check

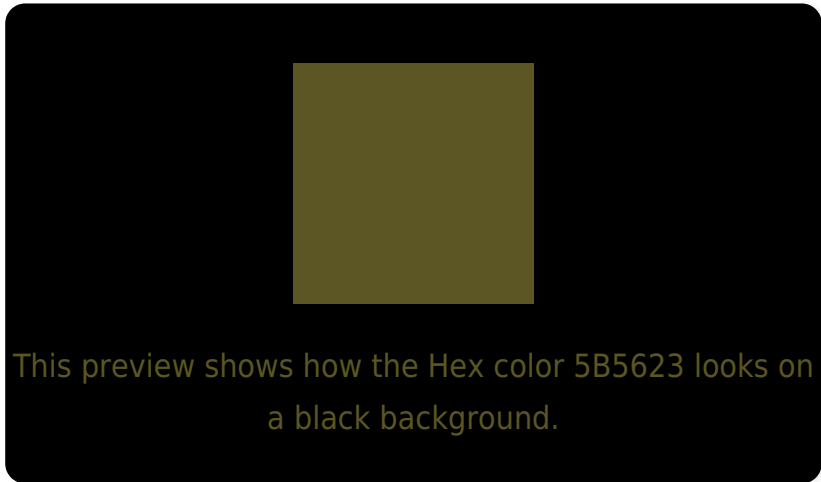
Large Text (above 18pt) WCAG AA ✓ Pass

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

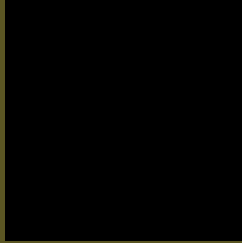
Any Text WCAG AA × Fail

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 5B5623 Background



This preview shows how black text looks on a background with the Hex color 5B5623.



This preview shows how white text looks on a background with the Hex color 5B5623.

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
5B5623

Protanopia
5E5523

Deuteranopia
695125



Tritanopia
605157

Trichromacy



Original Color
5B5623

Protanomaly
5D5523

Deuteranomaly
645324

Tritanomaly
5E5344

Monochromacy



Original Color
5B5623

Achromatopsia
525252

Achromatomaly
555341

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5623 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 #5B5623 looks like.

```
.text, #text, p{  
    color:#5B5623  
}
```

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 #5B5623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5623  
}
```

Border

The CSS property to change the border of an element to Hex 5B5623 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  
#5B5623 }
```

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

```
.border{ border-color:#5B5623 }
```

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

Here you see how a box with a 4 pixel #5B5623 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5623; -webkit-box-shadow:4px 4px  
4px 4px #5B5623; box-shadow:4px 4px 4px  
4px #5B5623 }
```

Background

The CSS property to change the background color of an element to Hex 5B5623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5623 }
```

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

```
.background{ background-color:#5B5623 }
```

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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