

Converting Colors

Hex(5B4925)

Have a look what the booklet for
Hex(5B4925) contains.

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Color

Hex(5B4925)

Conversions

Conversions Part 1

Format	Color
Hex	5B4925
RGB	91, 73, 37
RGB Percent	36%, 29%, 15%
CMY	0.6431, 0.7137, 0.8549
CMYK	0.00, 0.20, 0.59, 0.64
HSL	40°, 42%, 25%
HSV	40°, 59%, 36%
XYZ	7.0309, 7.1228, 2.7545
YIQ	74.2780, 22.2840, -7.3800

Conversions

Conversions Part 2

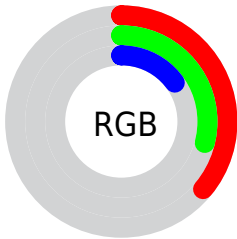
Format	Color
RYB	64, 91, 37
Decimal	5982501
CIELab	32.08, 2.63, 24.19
CIELCh	32, 24.335, 83.800
Yxy	7.1228, 0.4158, 0.4213
Android (android.graphics.Color)	4284172581 (0xFF5B4925)
YUV	74.2780, -18.3781, 14.6652
Hunter-Lab	26.6886, 0.3191, 12.5627

Details

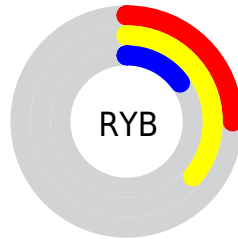
The Hex color **5B4925** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **25375B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8F7953**, and **2C1E00** is the 20% darker color. If you saturate the color by 10%, you get **5B461C**, and if you desaturate by 10%, it is **5B4C2E**.

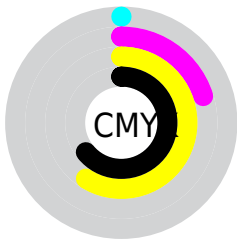
Distribution



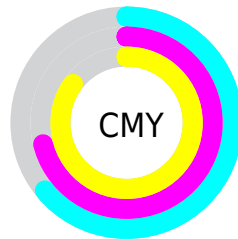
- Red (36%)
- Green (29%)
- Blue (15%)



- Red (25%)
- Yellow (36%)
- Blue (15%)



- Cyan (0%)
- Magenta (20%)
- Yellow (59%)
- Black (64%)



- Cyan (64%)
- Magenta (71%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4925 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 5B4925 by changing the saturation by 10% instead.

 5B4925

 5B4925

FFFFFF

 423310

 8F7953

 2C1E00

 AA936B

 110500

 C6AE85

 000000

 E2C99F

 FFE5BA

 FFFFD6

 FFFFF2

 5B4925

 5B4925

■ 5B461C

■ 5B4C2E

■ 5B4313

■ 5B4F37

■ 5B400A

■ 5B5240

■ 5B3D01

■ 5B5549

■ 5B3D00

■ 5B5853

■ 5B5B5C

■ 5B5E65

■ 5B616E

■ 5B6477

Harmonies

Analogous

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



69422D



5B4925



484F28

Triad

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



5B4925



00555A



604162

Complementary

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



5B4925



25375B

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.



47486E



5B4925



00536A

Square

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



5B4925



135547



254F71



6D3C50

Rectangle

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



5B4925



3A522F



254F71



594367

Sweetspot

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



5B4925



756E60



5B2537



3B362E



BABABA



3B3B3B

Same Dimension

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



5B4925



755A22



525B25



2E2C29



6E4900



ED9E00

Inverse Universe

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



25375B



223E75



2E255B



292B2E



00256E



004FED

Previews

White Background



This preview shows how the Hex color 5B4925 looks on a white background.

Color Contrast Check

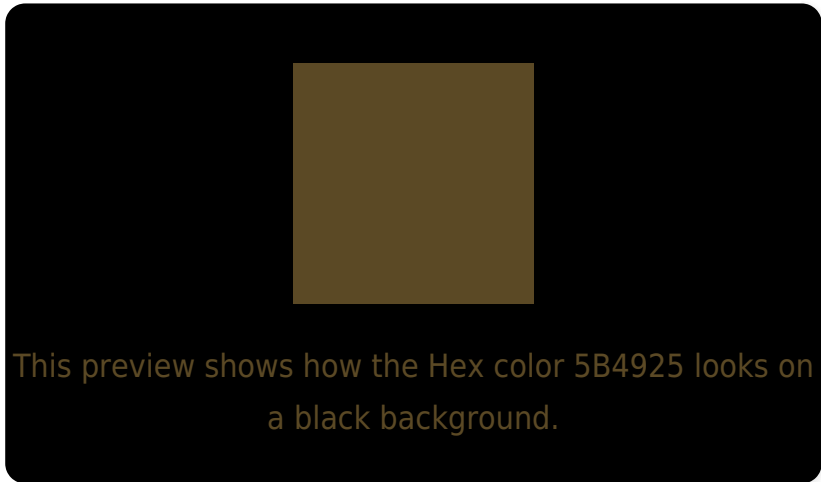
Large Text (above 18pt) WCAG AA ✓ Pass

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

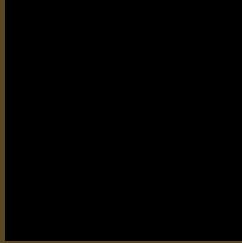
Any Text WCAG AA × Fail

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 5B4925 Background



This preview shows how black text looks on a background with the Hex color 5B4925.

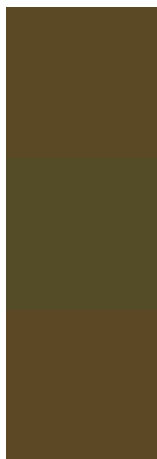


This preview shows how white text looks on a background with the Hex color 5B4925.

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


5B4925

Protanopia

544C26

Deuteranopia

5D4825



Tritanopia
5E454A

Trichromacy



Original Color
5B4925

Protanomaly
574B26

Deuteranomaly
5C4825

Tritanomaly
5D463D

Monochromacy



Original Color
5B4925

Achromatopsia
4A4A4A

Achromatomaly
504A3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4925 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 #5B4925 looks like.

```
.text, #text, p{  
    color:#5B4925  
}
```

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 #5B4925 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4925
}
```

Border

The CSS property to change the border of an element to Hex 5B4925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

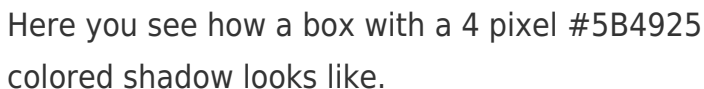
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4925 }
```

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

```
.border{ border-color:#5B4925 }
```

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



Here you see how a box with a 4 pixel #5B4925 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4925; -webkit-box-shadow:4px 4px  
4px 4px #5B4925; box-shadow:4px 4px 4px  
4px #5B4925 }
```

Background

The CSS property to change the background color of an element to Hex 5B4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4925 }
```

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

```
.background{ background-color:#5B4925 }
```

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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