

Converting Colors

Hex(5B4301)

Have a look what the booklet for
Hex(5B4301) contains.

| | |
|--|----|
| Hex(5B4301) | 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(5B4301)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5B4301 |
| RGB | 91, 67, 1 |
| RGB Percent | 36%, 26%, 0% |
| CMY | 0.6431, 0.7373, 0.9961 |
| CMYK | 0.00, 0.26, 0.99, 0.64 |
| HSL | 44°, 98%, 18% |
| HSV | 44°, 99%, 36% |
| XYZ | 6.3270, 6.2406, 0.8998 |
| YIQ | 66.6520, 35.4900, -15.4380 |

Conversions

Conversions Part 2

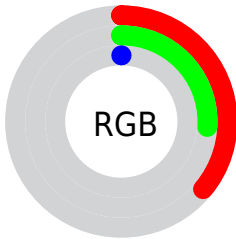
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 34, 91, 1 |
| Decimal | 5980929 |
| CIELab | 30.01, 4.31, 38.87 |
| CIELCh | 30, 39.112, 83.669 |
| Yxy | 6.2406, 0.4698, 0.4634 |
| Android (android.graphics.Color) | 4284171009 (0xFF5B4301) |
| YUV | 66.6520, -32.3664, 21.3532 |
| Hunter-Lab | 24.9813, 1.4915, 15.3513 |

Details

The Hex color **5B4301** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **01195B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **917333**, and **281900** is the 20% darker color. If you saturate the color by 10%, you get **5B4300**, and if you desaturate by 10%, it is **5B450A**.

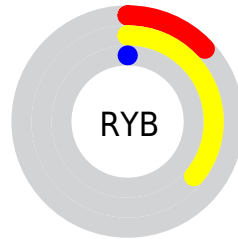
Distribution



Red (36%)

Green (26%)

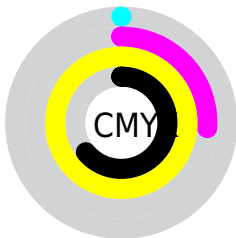
Blue (0%)



Red (13%)

Yellow (36%)

Blue (0%)

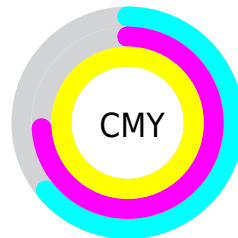


Cyan (0%)

Magenta (26%)

Yellow (99%)

Black (64%)



Cyan (64%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4301 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 5B4301 by changing the saturation by 10% instead.

 5B4301

 5B4301

 FFFFEC

 422D00

 917333

 281900

 AD8C4B

 0B0000

 C9A664

 000000

 E6C27E

 FFDD98

 FFFAB3

 FFFFCE

 5B4301

 5B4301

■ 5B4300

■ 5B450A

■ 5B4813

■ 5B4A1C

■ 5B4D25

■ 5B4F2F

■ 5B5238

■ 5B5441

■ 5B564A

■ 5B5953

Harmonies

Analogous

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



713715



5B4301



3E4C06

Triad

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



5B4301



00555E



65336B

Complementary

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



5B4301



01195B

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.



3A417F



5B4301



005277

Square

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



5B4301



00543F



004C83



7A294E

Rectangle

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



5B4301



265017



004C83



5A3873

Sweetspot

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



5B4301



756C52



5B0119



3B3526



BABABA



3B3B3B

Same Dimension

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



5B4301



755600



465B01



2E2D29



6E5000



EDAE00

Inverse Universe

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



01195B



001F75



16015B



292B2E



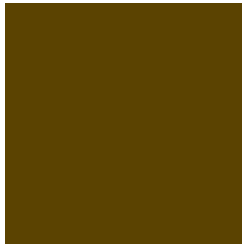
001D6E



003FED

Previews

White Background



This preview shows how the Hex color 5B4301 looks on a white background.

Color Contrast Check

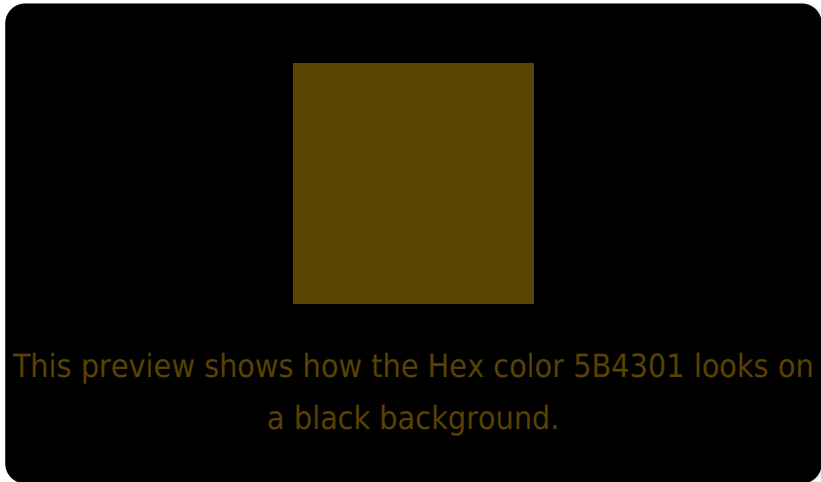
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B4301 Background



This preview shows how black text looks on a background with the Hex color 5B4301.



This preview shows how white text looks on a background with the Hex color 5B4301.

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
5B4301

Protanopia
504705

Deuteranopia
5A4300



Tritanopia
5E3E43

Trichromacy



Original Color
5B4301

Protanomaly
544604

Deuteranomaly
5A4300

Tritanomaly
5D402B

Monochromacy



Original Color
5B4301

Achromatopsia
434343

Achromatomaly
4C432B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4301 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 #5B4301 looks like.

```
.text, #text, p{  
    color:#5B4301  
}
```

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 #5B4301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4301
}
```

Border

The CSS property to change the border of an element to Hex 5B4301 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
#5B4301 }
```

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

```
.border{ border-color:#5B4301 }
```

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

Here you see how a box with a 4 pixel #5B4301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4301; -webkit-box-shadow:4px 4px  
4px 4px #5B4301; box-shadow:4px 4px 4px  
4px #5B4301 }
```

Background

The CSS property to change the background color of an element to Hex 5B4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4301 }
```

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

```
.background{ background-color:#5B4301 }
```

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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