

Converting Colors

Hex(5B3C01)

Have a look what the booklet for
Hex(5B3C01) contains.

Hex(5B3C01)	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>	28

Color

Hex(5B3C01)

Conversions

Conversions Part 1

Format	Color
Hex	5B3C01
RGB	91, 60, 1
RGB Percent	36%, 24%, 0%
CMY	0.6431, 0.7647, 0.9961
CMYK	0.00, 0.34, 0.99, 0.64
HSL	39°, 98%, 18%
HSV	39°, 99%, 36%
XYZ	5.9357, 5.4581, 0.7694
YIQ	62.5430, 37.4150, -11.7770

Conversions

Conversions Part 2

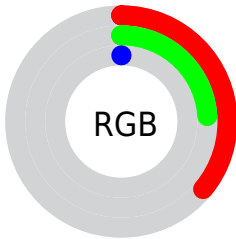
Format	Color
R_{YB}	48, 91, 1
Decimal	5979137
CIE _{Lab}	28.00, 8.71, 37.27
CIE _{LCh}	28, 38.278, 76.848
Yxy	5.4581, 0.4880, 0.4487
Android (android.graphics.Color)	4284169217 (0xFF5B3C01)
YUV	62.5430, -30.3407, 24.9568
Hunter-Lab	23.3625, 4.4673, 14.4012

Details

The Hex color **5B3C01** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **01205B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **916B32**, and **281200** is the 20% darker color. If you saturate the color by 10%, you get **5B3C00**, and if you desaturate by 10%, it is **5B3F0A**.

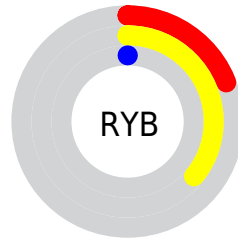
Distribution



Red (36%)

Green (24%)

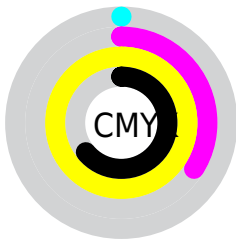
Blue (0%)



Red (19%)

Yellow (36%)

Blue (0%)

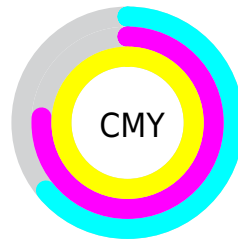


Cyan (0%)

Magenta (34%)

Yellow (99%)

Black (64%)



Cyan (64%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3C01 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 5B3C01 by changing the saturation by 10% instead.

 5B3C01

 5B3C01

 FFFFE9

 412600

 916B32

 281200

 AD844A

 000000

 CA9E62

 E7B97C

 FFD596

 FFF1B1

 FFFFCD

 5B3C01

 5B3C01

■ 5B3C00

■ 5B3F0A

■ 5B4213

■ 5B451C

■ 5B4925

■ 5B4C2F

■ 5B4F38

■ 5B5241

■ 5B554A

■ 5B5853

Harmonies

Analogous

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



6E2F18



5B3C01



414600

Triad

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



5B3C01



005052



58326B

Complementary

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



5B3C01



01205B

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.



25407B



5B3C01



004E6D

Square

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



5B3C01



004F34



00497B



702650

Rectangle

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



5B3C01



2B4A0D



00497B



4B3772

Sweetspot

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



5B3C01



756952



5B0120



3B3326



BABABA



3B3B3B

Same Dimension

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



5B3C01



754D00



4E5B01



2E2C29



6E4800



ED9B00

Inverse Universe

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



01205B



002875



0F015B



292B2E



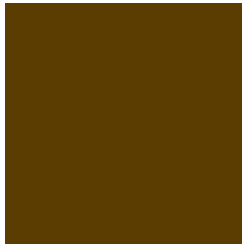
00266E



0052ED

Previews

White Background



This preview shows how the Hex color 5B3C01 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 5B3C01 Background



This preview shows how black text looks on a background with the Hex color 5B3C01.



This preview shows how white text looks on a background with the Hex color 5B3C01.

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

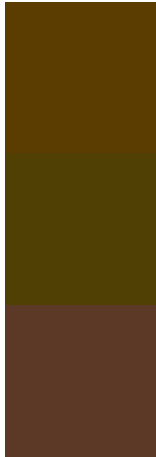


Original Color
5B3C01

Protanopia
4B4306

Tritanopia
5D383C

Trichromacy



Original Color
5B3C01

Protanomaly
514004

Tritanomaly
5C3927

Monochromacy



Original Color
5B3C01

Achromatopsia
3F3F3F

Achromatomaly
493E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3C01 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 #5B3C01 looks like.

```
.text, #text, p{  
    color:#5B3C01  
}
```

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 #5B3C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3C01
}
```

Border

The CSS property to change the border of an element to Hex 5B3C01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

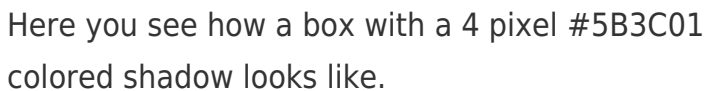
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3C01 }
```

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

```
.border{ border-color:#5B3C01 }
```

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



Here you see how a box with a 4 pixel #5B3C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3C01; -webkit-box-shadow:4px 4px  
4px 4px #5B3C01; box-shadow:4px 4px 4px  
4px #5B3C01 }
```

Background

The CSS property to change the background color of an element to Hex 5B3C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3C01 }
```

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

```
.background{ background-color:#5B3C01 }
```

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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