

Converting Colors

Hex(5B4E01)

Have a look what the booklet for
Hex(5B4E01) contains.

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Color

Hex(5B4E01)

Conversions

Conversions Part 1

Format	Color
Hex	5B4E01
RGB	91, 78, 1
RGB Percent	36%, 31%, 0%
CMY	0.6431, 0.6941, 0.9961
CMYK	0.00, 0.14, 0.99, 0.64
HSL	51°, 98%, 18%
HSV	51°, 99%, 36%
XYZ	7.0443, 7.6751, 1.1389
YIQ	73.1090, 32.4650, -21.1910

Conversions

Conversions Part 2

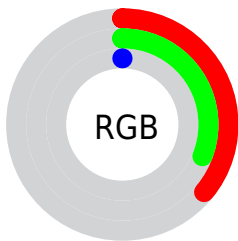
Format	Color
R_{YB}	16, 91, 1
Decimal	5983745
CIE _{Lab}	33.30, -2.46, 41.26
CIE _{LCh}	33, 41.329, 93.416
Yxy	7.6751, 0.4442, 0.4840
Android (android.graphics.Color)	4284173825 (0xFF5B4E01)
YUV	73.1090, -35.5497, 15.6904
Hunter-Lab	27.7040, -3.0951, 16.9554

Details

The Hex color **5B4E01** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **010E5B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **907F36**, and **292200** is the 20% darker color. If you saturate the color by 10%, you get **5B4E00**, and if you desaturate by 10%, it is **5B4F0A**.

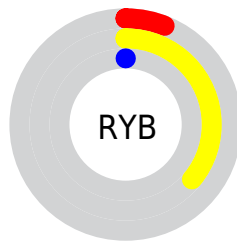
Distribution



Red (36%)

Green (31%)

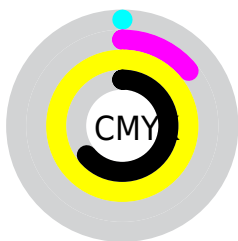
Blue (0%)



Red (6%)

Yellow (36%)

Blue (0%)

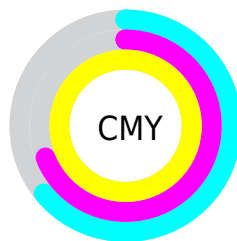


Cyan (0%)

Magenta (14%)

Yellow (99%)

Black (64%)



Cyan (64%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4E01 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 5B4E01 by changing the saturation by 10% instead.

 5B4E01

 5B4E01

 FFFFF0

 423700

 907F36

 292200

 AC984E

 0C0D00

 C8B367

 000000

 E5CF81

 FFEB9C

 FFFFB7

 FFFF D3

 5B4E01

 5B4E01

■ 5B4E00

■ 5B4F0A

■ 5B5113

■ 5B521C

■ 5B5325

■ 5B552F

■ 5B5638

■ 5B5741

■ 5B594A

■ 5B5A53

Harmonies

Analogous

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



754211



5B4E01



395711

Triad

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



5B4E01



005D72



78356C

Complementary

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



5B4E01



010E5B

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.



534485



5B4E01



005989

Square

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



5B4E01



005E51



005190



882E4C

Rectangle

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



5B4E01



185A25



005190



6F3A76

Sweetspot

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



5B4E01



757052



5B010F



3B3826



BABABA



3B3B3B

Same Dimension

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



5B4E01



756400



3B5B01



2E2D29



6E5E00



EDCB00

Inverse Universe

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



010E5B



001175



20015B



292A2E



00106E



0022ED

Previews

White Background



This preview shows how the Hex color 5B4E01 looks on a white background.

Color Contrast Check

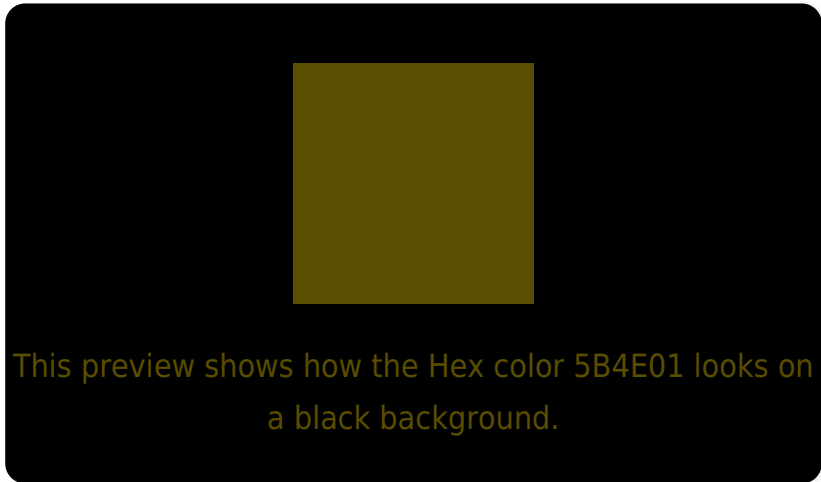
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B4E01 Background



This preview shows how black text looks on a background with the Hex color 5B4E01.



This preview shows how white text looks on a background with the Hex color 5B4E01.

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
5B4E01

Protanopia
594F03

Deuteranopia
634B09



Tritanopia
5F484E

Trichromacy



Original Color
5B4E01

Protanomaly
5A4F02

Deuteranomaly
604C06

Tritanomaly
5E4A32

Monochromacy



Original Color
5B4E01

Achromatopsia
494949

Achromatomaly
504B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4E01 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 #5B4E01 looks like.

```
.text, #text, p{  
    color:#5B4E01  
}
```

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 #5B4E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4E01
}
```

Border

The CSS property to change the border of an element to Hex 5B4E01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

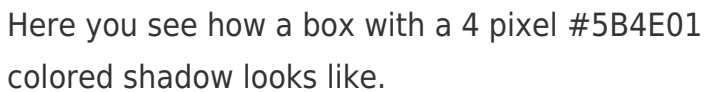
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4E01 }
```

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

```
.border{ border-color:#5B4E01 }
```

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



Here you see how a box with a 4 pixel #5B4E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4E01; -webkit-box-shadow:4px 4px  
4px 4px #5B4E01; box-shadow:4px 4px 4px  
4px #5B4E01 }
```

Background

The CSS property to change the background color of an element to Hex 5B4E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4E01 }
```

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

```
.background{ background-color:#5B4E01 }
```

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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