

# Converting Colors

Hex(5B4A30)

Have a look what the booklet for  
Hex(5B4A30) contains.

<b>Hex(5B4A30)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5B4A30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B4A30
RGB	91, 74, 48
RGB Percent	36%, 29%, 19%
CMY	0.6431, 0.7098, 0.8118
CMYK	0.00, 0.19, 0.47, 0.64
HSL	36°, 31%, 27%
HSV	36°, 47%, 36%
XYZ	7.2967, 7.3351, 3.8275
YIQ	76.1190, 18.4780, -4.4820

# Conversions

## Conversions Part 2

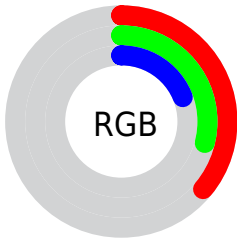
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 91, 48
Decimal	5982768
CIE Lab	32.56, 3.20, 18.20
CIE LCh	33, 18.484, 80.025
Yxy	7.3351, 0.3953, 0.3974
Android (android.graphics.Color)	4284172848 (0xFF5B4A30)
YUV	76.1190, -13.8627, 13.0506
Hunter-Lab	27.0834, 0.6946, 10.5793

# Details

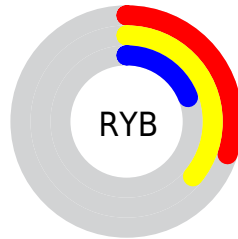
The Hex color **5B4A30** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **30415B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8E7B5E**, and **2C1E01** is the 20% darker color. If you saturate the color by 10%, you get **5B4627**, and if you desaturate by 10%, it is **5B4E39**.

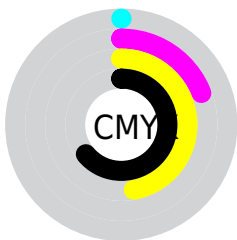
# Distribution



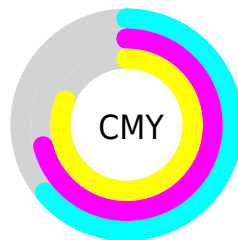
- Red (36%)
- Green (29%)
- Blue (19%)



- Red (30%)
- Yellow (36%)
- Blue (19%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (64%)



- Cyan (64%)
- Magenta (71%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B4A30 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 5B4A30 by changing the saturation by 10% instead.



 5B4A30

 5B4A30

FFFFFF

 43331B

 8E7B5E

 2C1E01

 A99477

 140600

 C5AF91

 000000

 E1CAAC

 FEE6C7

 FFFFE3

 5B4A30

 5B4A30

 5B4627

 5B4E39

■ 5B431E

■ 5B5142

■ 5B3F15

■ 5B554B

■ 5B3C0C

■ 5B5854

■ 5B3803

■ 5B5C5E

■ 5B3700

■ 5B6067

■ 5B6370

■ 5B6779

■ 5B6A82

# Harmonies

## Analogous

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



654537



5B4A30



4D4F31

# Triad

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



5B4A30



1C5456



5A455F

# Complementary

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



5B4A30



30415B

# 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.



484B68



5B4A30



1E5362

# Square

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



5B4A30



2B5447



314F69



664252

# Rectangle

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



5B4A30



425136



314F69



554763



# Sweetspot

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



5B4A30



756F65



5B3041



3B3731



BABABA



3B3B3B



# Same Dimension

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



5B4A30



755B32



575B30



2E2C29



6E4200



ED8F00



# Inverse Universe

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



30415B



324D75



34305B



292B2E



002B6E

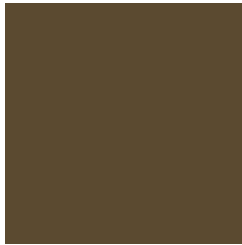


005EED



# Previews

## White Background



This preview shows how the Hex color 5B4A30 looks on a white background.

## Color Contrast Check

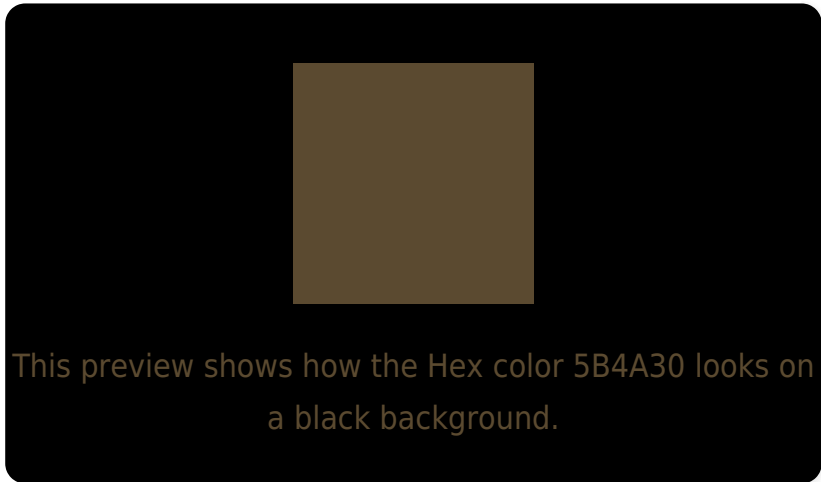
Large Text (above 18pt) WCAG AA ✓ Pass

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

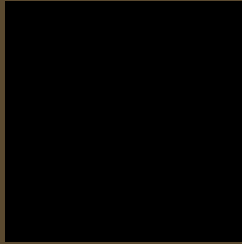
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B4A30 Background



This preview shows how black text looks on a background with the Hex color 5B4A30.

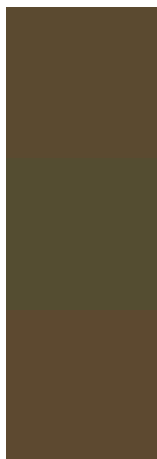


This preview shows how white text looks on a background with the Hex color 5B4A30.

# 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**


5B4A30

**Protanopia**

544D31

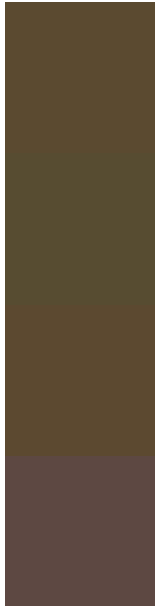
**Deuteranopia**

5D4930



**Tritanopia**  
5E474C

# Trichromacy



**Original Color**  
5B4A30

**Protanomaly**  
574C31

**Deuteranomaly**  
5C4930

**Tritanomaly**  
5D4842

# Monochromacy



**Original Color**  
5B4A30

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
514B42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B4A30 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 #5B4A30 looks like.

```
.text, #text, p{  
    color:#5B4A30  
}
```

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 #5B4A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4A30
}
```

## Border

The CSS property to change the border of an element to Hex 5B4A30 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
#5B4A30 }
```

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

```
.border{ border-color:#5B4A30 }
```

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

Here you see how a box with a 4 pixel #5B4A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4A30; -webkit-box-shadow:4px 4px  
4px 4px #5B4A30; box-shadow:4px 4px 4px  
4px #5B4A30 }
```

# Background

The CSS property to change the background color of an element to Hex 5B4A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4A30 }
```

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

```
.background{ background-color:#5B4A30 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor