

# Converting Colors

Hex(5B4F2D)

Have a look what the booklet for  
Hex(5B4F2D) contains.

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**Color**

**Hex(5B4F2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B4F2D
RGB	91, 79, 45
RGB Percent	36%, 31%, 18%
CMY	0.6431, 0.6902, 0.8235
CMYK	0.00, 0.13, 0.51, 0.64
HSL	44°, 34%, 27%
HSV	44°, 51%, 36%
XYZ	7.5840, 8.0056, 3.6281
YIQ	78.7120, 18.0660, -8.0300

# Conversions

## Conversions Part 2

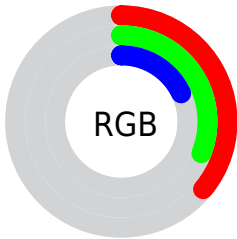
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 91, 45
Decimal	5984045
CIE Lab	33.99, -0.24, 21.84
CIE LCh	34, 21.840, 90.621
Yxy	8.0056, 0.3946, 0.4166
Android (android.graphics.Color)	4284174125 (0xFF5B4F2D)
YUV	78.7120, -16.6200, 10.7766
Hunter-Lab	28.2941, -1.6692, 12.2032

# Details

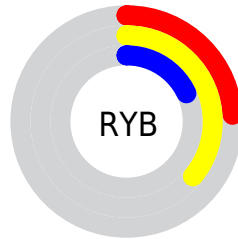
The Hex color **5B4F2D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D395B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8E805B**, and **2C2300** is the 20% darker color. If you saturate the color by 10%, you get **5B4D24**, and if you desaturate by 10%, it is **5B5136**.

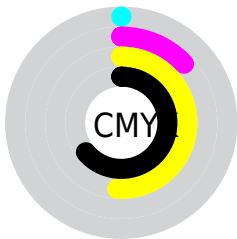
# Distribution



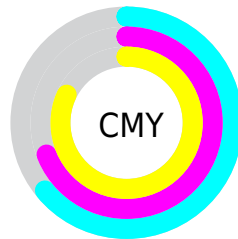
- Red (36%)
- Green (31%)
- Blue (18%)



- Red (24%)
- Yellow (36%)
- Blue (18%)



- Cyan (0%)
- Magenta (13%)
- Yellow (51%)
- Black (64%)



- Cyan (64%)
- Magenta (69%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B4F2D 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 5B4F2D by changing the saturation by 10% instead.



■ 5B4F2D

■ 5B4F2D

FFFFFF

■ 433817

■ 8E805B

■ 2C2300

■ A99A74

■ 130E00

■ C5B58E

■ 000000

■ E1D0A9

■ FEECC4

■ FFFFEE

■ FFFFFD

■ 5B4F2D

■ 5B4F2D

■ 5B4D24

■ 5B5136

■ 5B4A1B

■ 5B543F

■ 5B4812

■ 5B5648

■ 5B4609

■ 5B5851

■ 5B4300

■ 5B5B5B

■ 5B5D64

■ 5B606D

■ 5B6276

■ 5B647F

# Harmonies

## Analogous

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



694932



5B4F2D



495432

# Triad

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



5B4F2D



065961



664561

# Complementary

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



5B4F2D



2D395B

# 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.



524B6E



5B4F2D



19566E

# Square

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



5B4F2D



1D5950



375172



704250

# Rectangle

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



5B4F2D



3B5739



375172



604766

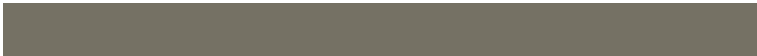


# Sweetspot

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



5B4F2D



757164



5B2D39



3B3830



BABABA



3B3B3B



# Same Dimension

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



5B4F2D



75632E



505B2D



2E2D29



6E5100



EDAF00



# Inverse Universe

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



2D395B



2E4075



382D5B



292B2E



001D6E



003EED



# Previews

## White Background



This preview shows how the Hex color 5B4F2D looks on a white background.

## Color Contrast Check

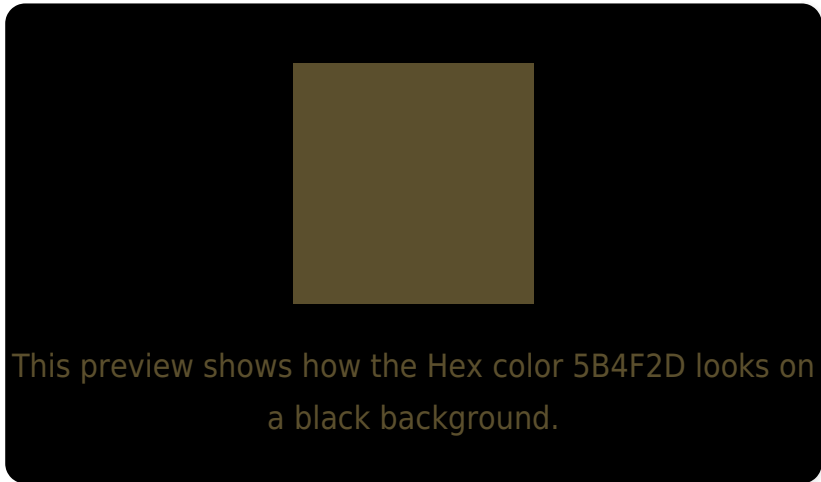
Large Text (above 18pt) WCAG AA ✓ Pass

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

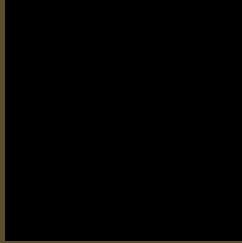
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B4F2D Background



This preview shows how black text looks on a background with the Hex color 5B4F2D.

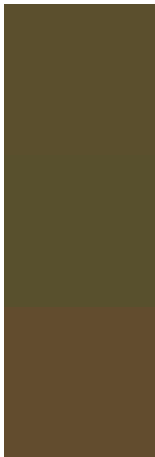


This preview shows how white text looks on a background with the Hex color 5B4F2D.

# 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](#).

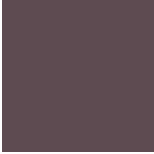
## Dichromacy



**Original Color**  
5B4F2D

**Protanopia**  
58502D

**Deuteranopia**  
624C2E



**Tritanopia**  
5E4B51

# Trichromacy



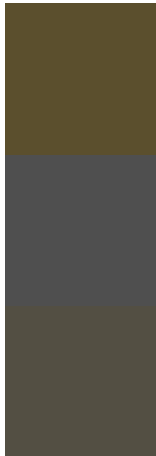
**Original Color**  
5B4F2D

**Protanomaly**  
59502D

**Deuteranomaly**  
5F4D2E

**Tritanomaly**  
5D4C44

# Monochromacy



**Original Color**  
5B4F2D

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
534F43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B4F2D 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 #5B4F2D looks like.

```
.text, #text, p{  
    color:#5B4F2D  
}
```

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 #5B4F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4F2D
}
```

## Border

The CSS property to change the border of an element to Hex 5B4F2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

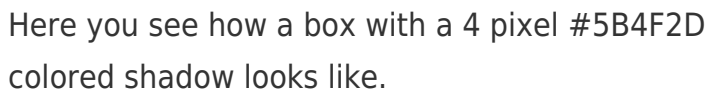
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4F2D }
```

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

```
.border{ border-color:#5B4F2D }
```

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



Here you see how a box with a 4 pixel #5B4F2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4F2D; -webkit-box-shadow:4px 4px  
4px 4px #5B4F2D; box-shadow:4px 4px 4px  
4px #5B4F2D }
```

# Background

The CSS property to change the background color of an element to Hex 5B4F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4F2D }
```

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

```
.background{ background-color:#5B4F2D }
```

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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