

# Converting Colors

Hex(5B2513)

Have a look what the booklet for  
Hex(5B2513) contains.

<b>Hex(5B2513)</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(5B2513)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B2513
RGB	91, 37, 19
RGB Percent	36%, 15%, 7%
CMY	0.6431, 0.8549, 0.9255
CMYK	0.00, 0.59, 0.79, 0.64
HSL	15°, 65%, 22%
HSV	15°, 79%, 36%
XYZ	5.0935, 3.5943, 1.0414
YIQ	51.0940, 37.9620, 5.8500

# Conversions

## Conversions Part 2

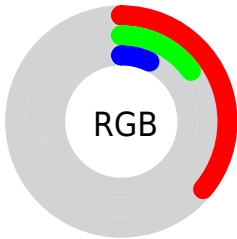
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 43, 19
Decimal	5973267
CIELab	22.28, 23.50, 23.55
CIELCh	22, 33.268, 45.062
Yxy	3.5943, 0.5235, 0.3694
Android (android.graphics.Color)	4284163347 (0xFF5B2513)
YUV	51.0940, -15.8223, 34.9976
Hunter-Lab	18.9586, 14.7788, 10.0142

# Details

The Hex color **5B2513** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **13495B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **91543E**, and **290000** is the 20% darker color. If you saturate the color by 10%, you get **5B1E0A**, and if you desaturate by 10%, it is **5B2C1C**.

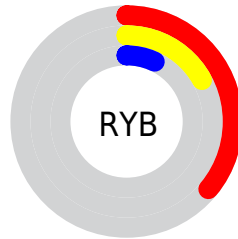
# Distribution



 Red (36%)

 Green (15%)

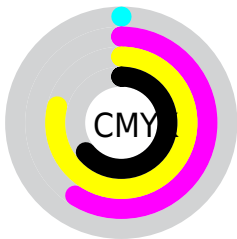
 Blue (7%)



 Red (36%)

 Yellow (17%)

 Blue (7%)

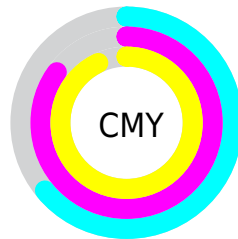


 Cyan (0%)


 Magenta (59%)

 Yellow (79%)

 Black (64%)



 Cyan (64%)

 Magenta (85%)

 Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B2513 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 5B2513 by changing the saturation by 10% instead.



 5B2513

 5B2513

 FFFFF5

 410E00

 91543E

 290000

 AE6C56

 000000

 CA866E

 E7A088

 FFBBA2

 FFD7BD

 FFF4D9

 5B2513

 5B2513

■ 5B1E0A

■ 5B2C1C

■ 5B1701

■ 5B3325

■ 5B1700

■ 5B392E

■ 5B4037

■ 5B4741

■ 5B4E4A

■ 5B5553

■ 5B5C5C

■ 5B6265

# Harmonies

## Analogous

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



611D2A



5B2513



4C3000

# Triad

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



5B2513



004028



193465

# Complementary

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



5B2513



13495B

# 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.



003C65



5B2513



004141

# Square

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



5B2513



183D0F



004058



462958

# Rectangle

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



5B2513



3E3500



004058



003767



# Sweetspot

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



5B2513



756059



5B1349



3B2E2A



BABABA



3B3B3B



# Same Dimension

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



5B2513



752206



5B4913



2E2A29



6E1B00



ED3B00



# Inverse Universe

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



13495B



065975



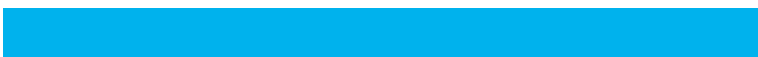
13255B



292D2E



00526E

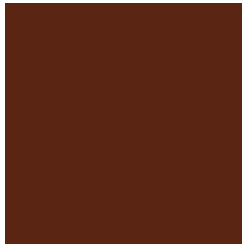


00B2ED



# Previews

## White Background



This preview shows how the Hex color 5B2513 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

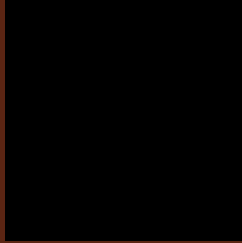
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B2513 Background



This preview shows how black text looks on a background with the Hex color 5B2513.

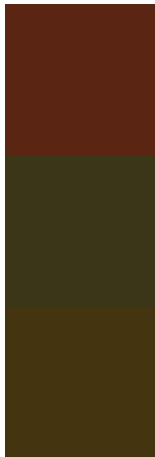


This preview shows how white text looks on a background with the Hex color 5B2513.

# 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**  
5B2513

**Protanopia**  
3C3618

**Deuteranopia**  
44340F



**Tritanopia**  
5C2325

# Trichromacy



**Original Color**  
5B2513

**Protanomaly**  
473016

**Deuteranomaly**  
4C2F10

**Tritanomaly**  
5C241E

# Monochromacy



**Original Color**  
5B2513

**Achromatopsia**  
333333

**Achromatomaly**  
422E27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B2513 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 #5B2513 looks like.

```
.text, #text, p{  
    color:#5B2513  
}
```

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 #5B2513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2513
}
```

## Border

The CSS property to change the border of an element to Hex 5B2513 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".

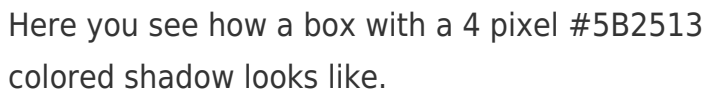
```
.border, #border, table{ border:4px solid
#5B2513 }
```

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

```
.border{ border-color:#5B2513 }
```

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

Here you see how a box with a 4 pixel #5B2513 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2513; -webkit-box-shadow:4px 4px  
4px 4px #5B2513; box-shadow:4px 4px 4px  
4px #5B2513 }
```

# Background

The CSS property to change the background color of an element to Hex 5B2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2513 }
```

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

```
.background{ background-color:#5B2513 }
```

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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