

# Converting Colors

Hex(3A2513)

Have a look what the booklet for  
Hex(3A2513) contains.

<b>Hex(3A2513)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(3A2513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A2513
RGB	58, 37, 19
RGB Percent	23%, 15%, 7%
CMY	0.7725, 0.8549, 0.9255
CMYK	0.00, 0.36, 0.67, 0.77
HSL	28°, 51%, 15%
HSV	28°, 67%, 23%
XYZ	2.5240, 2.2697, 0.9212
YIQ	41.2270, 18.2940, -1.1460

# Conversions

## Conversions Part 2

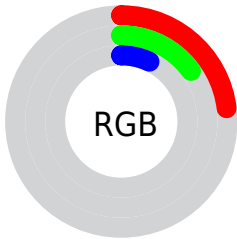
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 52, 19
Decimal	3810579
CIE <sub>Lab</sub>	16.84, 7.61, 15.86
CIE <sub>LCh</sub>	17, 17.594, 64.384
Yxy	2.2697, 0.4417, 0.3972
Android (android.graphics.Color)	4282000659 (0xFF3A2513)
YUV	41.2270, -10.9579, 14.7099
Hunter-Lab	15.0655, 3.5408, 6.9207

# Details

The Hex color **3A2513** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13283A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6B523E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A220D**, and if you desaturate by 10%, it is **3A2819**.

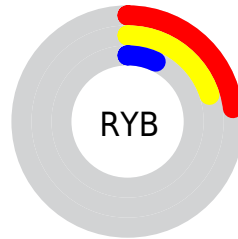
# Distribution



Red (23%)

Green (15%)

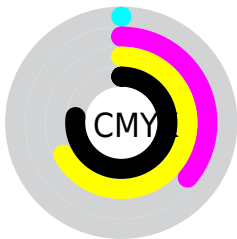
Blue (7%)



Red (23%)

Yellow (20%)

Blue (7%)

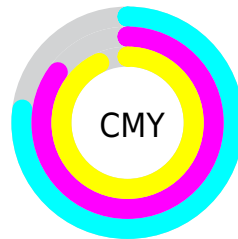


Cyan (0%)

Magenta (36%)

Yellow (67%)

Black (77%)



Cyan (77%)

Magenta (85%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A2513 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 3A2513 by changing the saturation by 10% instead.



 3A2513

 3A2513

 FFFFF4

 241100

 6B523E

 000000

 856A55

 A0836D

 BB9D87

 D7B8A1

 F4D4BC

 FFF0D8

 3A2513

 3A2513

■ 3A220D

■ 3A2819

■ 3A1F07

■ 3A2B1F

■ 3A1C02

■ 3A2E24

■ 3A1B00

■ 3A312A

■ 3A3530

■ 3A3836

■ 3A3B3C

■ 3A3E41

■ 3A4147

# Harmonies

## Analogous

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



40211C



3A2513



302910

# Triad

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



3A2513



00302B



2D263E

# Complementary

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



3A2513



13283A

# 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.



182A43



3A2513



003037

# Square

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



3A2513



122F1E



002E40



3B2135

# Rectangle

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



3A2513



272C12



002E40



272740



# Sweetspot

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



3A2513



4D443D



3A1328



26211D



A6A6A6



262626



# Same Dimension

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



3A2513



4D2B0F



3A3813



1C1B19



5C2A00



DB6500



# Inverse Universe

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



13283A



0F304D



13153A



191B1C



00315C



0076DB



# Previews

## White Background



This preview shows how the Hex color 3A2513 looks on a white background.

## Color Contrast Check

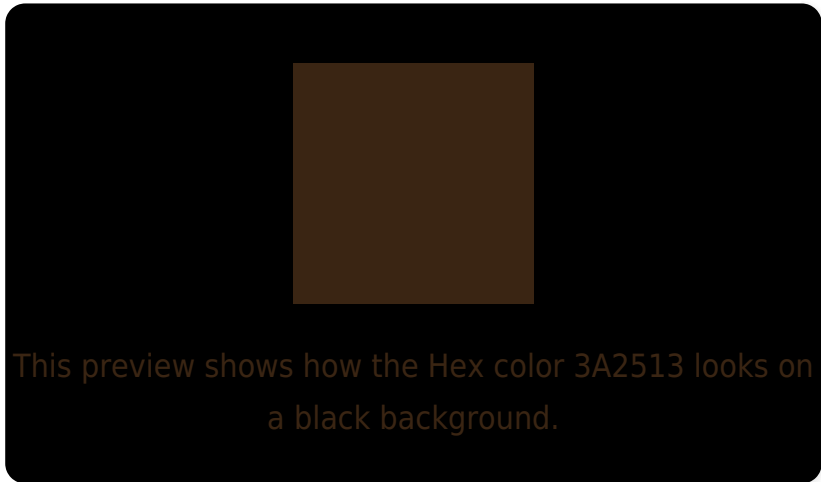
Large Text (above 18pt) WCAG AA ✓ Pass

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

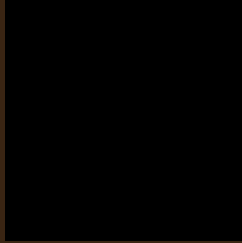
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A2513 Background



This preview shows how black text looks on a background with the Hex color 3A2513.

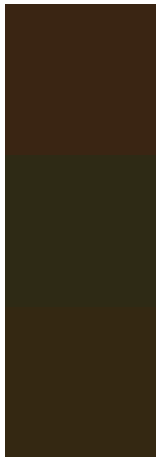


This preview shows how white text looks on a background with the Hex color 3A2513.

# 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**  
3A2513

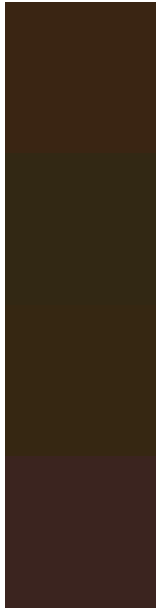
**Protanopia**  
2E2A15

**Deuteranopia**  
342812



**Tritanopia**  
3B2326

# Trichromacy



**Original Color**  
3A2513

**Protanomaly**  
322814

**Deuteranomaly**  
362712

**Tritanomaly**  
3B241F

# Monochromacy



**Original Color**  
3A2513

**Achromatopsia**  
292929

**Achromatomaly**  
2F2821

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A2513 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 #3A2513 looks like.

```
.text, #text, p{  
    color:#3A2513  
}
```

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 #3A2513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2513  
}
```

## Border

The CSS property to change the border of an element to Hex 3A2513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

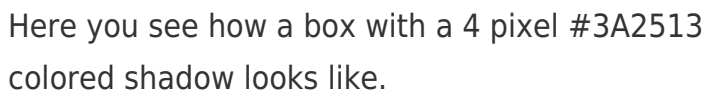
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3A2513 }
```

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

```
.border{ border-color:#3A2513 }
```

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



Here you see how a box with a 4 pixel #3A2513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2513; -webkit-box-shadow:4px 4px  
4px 4px #3A2513; box-shadow:4px 4px 4px  
4px #3A2513 }
```

# Background

The CSS property to change the background color of an element to Hex 3A2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2513 }
```

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

```
.background{ background-color:#3A2513 }
```

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