

# Converting Colors

Hex(3A2614)

Have a look what the booklet for  
Hex(3A2614) contains.

<b>Hex(3A2614)</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(3A2614)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A2614
RGB	58, 38, 20
RGB Percent	23%, 15%, 8%
CMY	0.7725, 0.8510, 0.9216
CMYK	0.00, 0.34, 0.66, 0.77
HSL	28°, 49%, 15%
HSV	28°, 66%, 23%
XYZ	2.5643, 2.3363, 0.9776
YIQ	41.9280, 17.6980, -1.3580

# Conversions

## Conversions Part 2

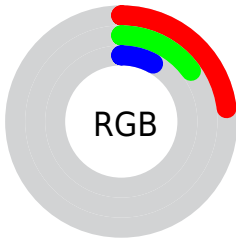
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	58, 54, 20
Decimal	3810836
CIE Lab	17.16, 7.02, 15.61
CIE LCh	17, 17.114, 65.766
Yxy	2.3363, 0.4362, 0.3974
Android (android.graphics.Color)	4282000916 (0xFF3A2614)
YUV	41.9280, -10.8105, 14.0951
Hunter-Lab	15.2849, 3.1979, 6.9073

# Details

The Hex color **3A2614** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14283A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6B533F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A230E**, and if you desaturate by 10%, it is **3A291A**.

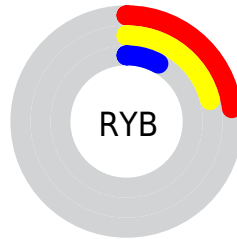
# Distribution



Red (23%)

Green (15%)

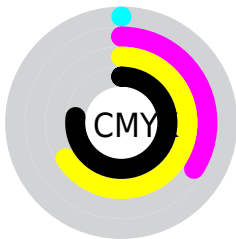
Blue (8%)



Red (23%)

Yellow (21%)

Blue (8%)

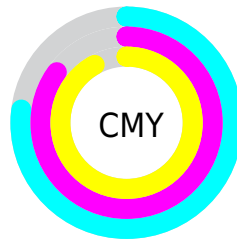


Cyan (0%)

Magenta (34%)

Yellow (66%)

Black (77%)



Cyan (77%)

Magenta (85%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A2614 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 3A2614 by changing the saturation by 10% instead.



 3A2614

 3A2614

 FFFFF5

 241200

 6B533F

 000000

 856B56

 9F846E

 BB9E88

 D7B9A2

 F3D5BD

 FFF1D9

 3A2614

 3A2614

■ 3A230E

■ 3A291A

■ 3A2008

■ 3A2C20

■ 3A1D03

■ 3A2F25

■ 3A1B00

■ 3A322B

■ 3A3531

■ 3A3837

■ 3A3B3D

■ 3A3E42

■ 3A4148

# Harmonies

## Analogous

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



40221D



3A2614



302A11

# Triad

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



3A2614



00312C



2F263E

# Complementary

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



3A2614



14283A

# 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.



1B2B42



3A2614



003038

# Square

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



3A2614



133020



002E40



3B2235

# Rectangle

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



3A2614



272D14



002E40



292840



# Sweetspot

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



3A2614



4D443D



3A1428



26211D



A6A6A6



262626



# Same Dimension

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



3A2614



4D2D10



3A3914



1C1B19



5C2B00



DB6800



# Inverse Universe

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



14283A



10304D



14153A



191B1C



00305C



0073DB



# Previews

## White Background



This preview shows how the Hex color 3A2614 looks on a white background.

## Color Contrast Check

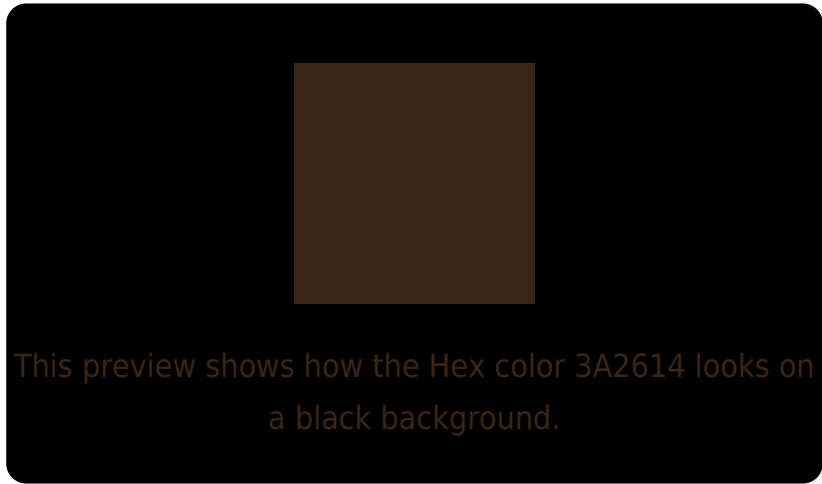
Large Text (above 18pt) WCAG AA ✓ Pass

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

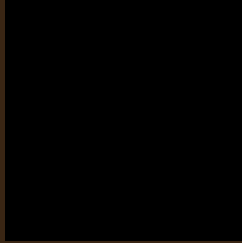
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A2614 Background



This preview shows how black text looks on a background with the Hex color 3A2614.

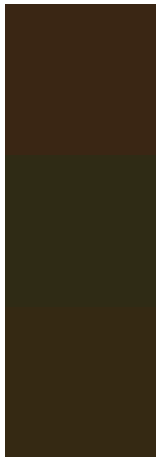


This preview shows how white text looks on a background with the Hex color 3A2614.

# 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**  
3A2614

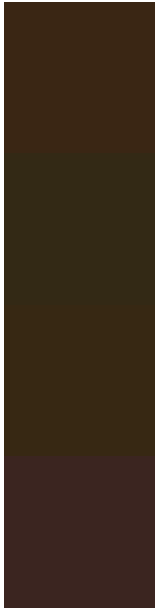
**Protanopia**  
2F2B15

**Deuteranopia**  
352913



**Tritanopia**  
3B2427

# Trichromacy



**Original Color**  
3A2614

**Protanomaly**  
332915

**Deuteranomaly**  
372813

**Tritanomaly**  
3B2520

# Monochromacy



**Original Color**  
3A2614

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
302922

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A2614 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 #3A2614 looks like.

```
.text, #text, p{  
    color:#3A2614  
}
```

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 #3A2614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2614
}
```

## Border

The CSS property to change the border of an element to Hex 3A2614 is called "border". The border property can be set on classes, ids or directly on the HTML element.

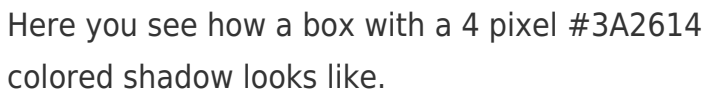
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2614 }
```

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

```
.border{ border-color:#3A2614 }
```

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



Here you see how a box with a 4 pixel #3A2614 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2614; -webkit-box-shadow:4px 4px  
4px 4px #3A2614; box-shadow:4px 4px 4px  
4px #3A2614 }
```

# Background

The CSS property to change the background color of an element to Hex 3A2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2614 }
```

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

```
.background{ background-color:#3A2614 }
```

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