

# Converting Colors

Hex(3A3711)

Have a look what the booklet for  
Hex(3A3711) contains.

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**Color**

**Hex(3A3711)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A3711
RGB	58, 55, 17
RGB Percent	23%, 22%, 7%
CMY	0.7725, 0.7843, 0.9333
CMYK	0.00, 0.05, 0.71, 0.77
HSL	56°, 55%, 15%
HSV	56°, 71%, 23%
XYZ	3.2123, 3.6724, 1.0698
YIQ	51.5650, 13.9860, -11.1820

# Conversions

## Conversions Part 2

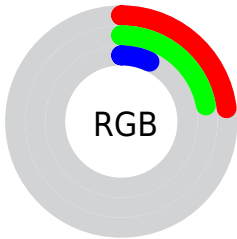
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 58, 17
Decimal	3815185
CIE Lab	22.56, -4.54, 23.64
CIE LCh	23, 24.073, 100.867
Yxy	3.6724, 0.4038, 0.4617
Android (android.graphics.Color)	4282005265 (0xFF3A3711)
YUV	51.5650, -17.0405, 5.6435
Hunter-Lab	19.1635, -3.6149, 10.1044

# Details

The Hex color **3A3711** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11143A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6B663D**, and **030C00** is the 20% darker color. If you saturate the color by 10%, you get **3A370B**, and if you desaturate by 10%, it is **3A3717**.

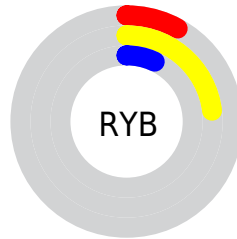
# Distribution



Red (23%)

Green (22%)

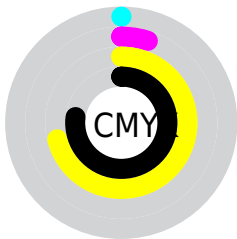
Blue (7%)



Red (8%)

Yellow (23%)

Blue (7%)

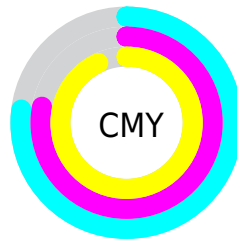


Cyan (0%)

Magenta (5%)

Yellow (71%)

Black (77%)



Cyan (77%)

Magenta (78%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A3711 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 3A3711 by changing the saturation by 10% instead.





3A3711



3A3711



FFFFFF5



252200



6B663D



030C00



847F55



000000



9F986D



BAB387



D6CFA1



F3EBBC



FFFFD8



3A3711



3A3711

■ 3A370B

■ 3A3717

■ 3A3605

■ 3A381D

■ 3A3600

■ 3A3822

■ 3A3928

■ 3A392E

■ 3A3A34

■ 3A3A3A

■ 3A3A3F

■ 3A3B45

# Harmonies

## Analogous

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



4A3114



3A3711



263B1A

# Triad

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



3A3711



003E4D



512842

# Complementary

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



3A3711



11143A

# 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.



402F51



3A3711



003B57

# Square

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



3A3711



003F3C



233659



572630

# Rectangle

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



3A3711



163D24



233659



4C2A48



# Sweetspot

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



3A3711



4D4B3C



3A1114



26261D



A6A6A6



262626



# Same Dimension

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



3A3711



4D480B



293A11



1C1C19



5C5500



DBC000



# Inverse Universe

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



11143A



0B104D



22113A



19191C



00075C



0010DB



# Previews

## White Background



This preview shows how the Hex color 3A3711 looks on a white background.

## Color Contrast Check

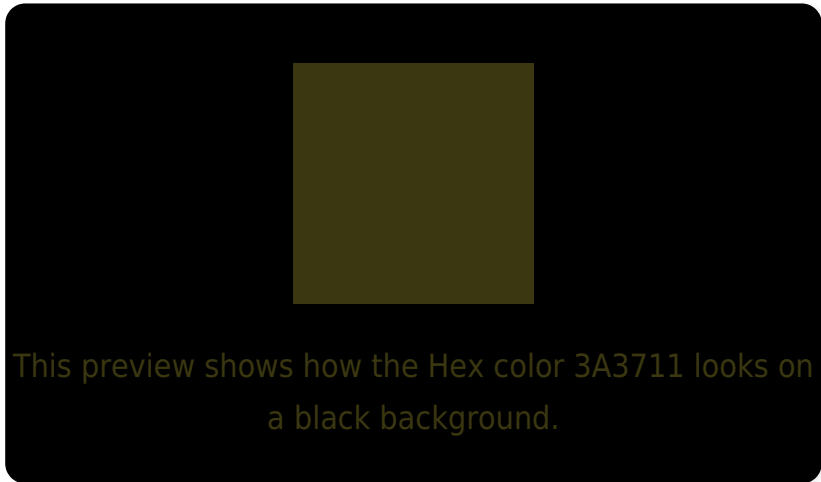
Large Text (above 18pt) WCAG AA ✓ Pass

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

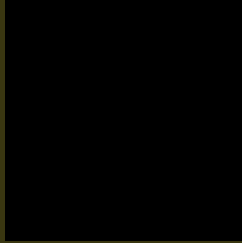
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A3711 Background



This preview shows how black text looks on a background with the Hex color 3A3711.

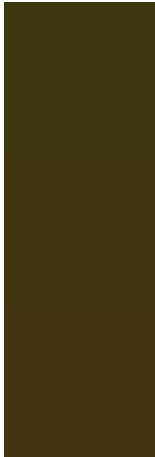


This preview shows how white text looks on a background with the Hex color 3A3711.

# 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](#).

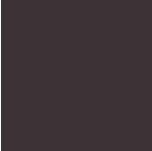
## Dichromacy



**Original Color**  
3A3711

**Protanopia**  
3D3611

**Deuteranopia**  
443312



**Tritanopia**  
3D3337

# Trichromacy



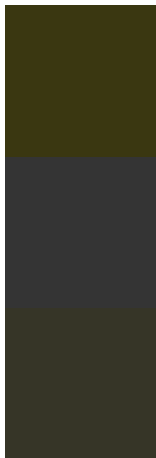
**Original Color**  
3A3711

**Protanomaly**  
3C3611

**Deuteranomaly**  
403412

**Tritanomaly**  
3C3429

# Monochromacy



**Original Color**  
3A3711

**Achromatopsia**  
343434

**Achromatomaly**  
363527

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A3711 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 #3A3711 looks like.

```
.text, #text, p{  
    color:#3A3711  
}
```

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 #3A3711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3711
}
```

## Border

The CSS property to change the border of an element to Hex 3A3711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

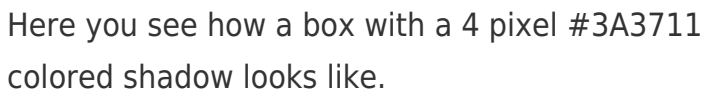
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3711 }
```

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

```
.border{ border-color:#3A3711 }
```

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



Here you see how a box with a 4 pixel #3A3711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3711; -webkit-box-shadow:4px 4px  
4px 4px #3A3711; box-shadow:4px 4px 4px  
4px #3A3711 }
```

# Background

The CSS property to change the background color of an element to Hex 3A3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3711 }
```

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

```
.background{ background-color:#3A3711 }
```

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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