

Converting Colors

Hex(3B4011)

Have a look what the booklet for
Hex(3B4011) contains.

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Color

Hex(3B4011)

Conversions

Conversions Part 1

Format	Color
Hex	3B4011
RGB	59, 64, 17
RGB Percent	23%, 25%, 7%
CMY	0.7686, 0.7490, 0.9333
CMYK	0.08, 0.00, 0.73, 0.75
HSL	66°, 58%, 16%
HSV	66°, 73%, 25%
XYZ	3.7382, 4.6371, 1.2283
YIQ	57.1470, 12.1070, -15.6770

Conversions

Conversions Part 2

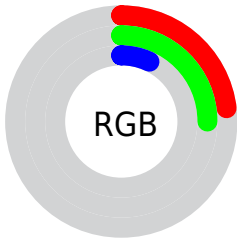
Format	Color
R_YB	17, 64, 22
Decimal	3883025
CIE Lab	25.67, -9.59, 27.00
CIE LCh	26, 28.652, 109.565
Yxy	4.6371, 0.3893, 0.4828
Android (android.graphics.Color)	4282073105 (0xFF3B4011)
YUV	57.1470, -19.7925, 1.6251
Hunter-Lab	21.5339, -6.6972, 11.6917

Details

The Hex color **3B4011** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **161140**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6C703E**, and **071600** is the 20% darker color. If you saturate the color by 10%, you get **3A400B**, and if you desaturate by 10%, it is **3C4017**.

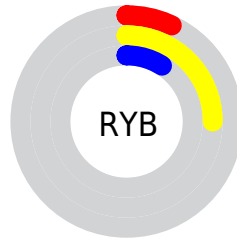
Distribution



 Red (23%)

 Green (25%)

 Blue (7%)



 Red (7%)

 Yellow (25%)

 Blue (9%)

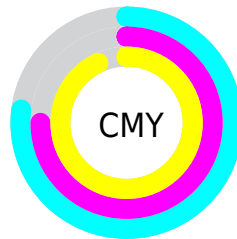


 Cyan (8%)

 Magenta (0%)

 Yellow (73%)

 Black (75%)



 Cyan (77%)

 Magenta (75%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4011 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 3B4011 by changing the saturation by 10% instead.



3B4011



3B4011



FFFFFF7



262A00



6C703E



071600



868956



000000



A0A36F



BCBE88



D8DAA3



F4F6BE



FFFFDA



3B4011



3B4011

■ 3A400B

■ 3C4017

■ 3A4004

■ 3C401E

■ 394000

■ 3D4024

■ 3E402B

■ 3E4031

■ 3F4037

■ 40403E

■ 404044

■ 41404B

Harmonies

Analogous

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



4F3910



3B4011



21451F

Triad

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



3B4011



00465D



612A45

Complementary

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



3B4011



161140

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.



503159



3B4011



004167

Square

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



3B4011



00474B



303A66



652A30

Rectangle

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



3B4011



02462D



303A66



5D2C4C

Sweetspot

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



3B4011



525442



401611



2A2B20



ABABAB



2B2B2B

Same Dimension

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



3B4011



4C540A



244011



21211E



576100



C9E000

Inverse Universe

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



161140



120A54



2D1140



1E1E21



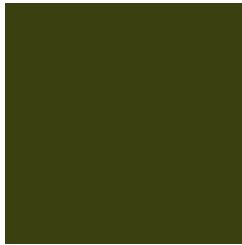
0A0061



1800E0

Previews

White Background



This preview shows how the Hex color 3B4011 looks on a white background.

Color Contrast Check

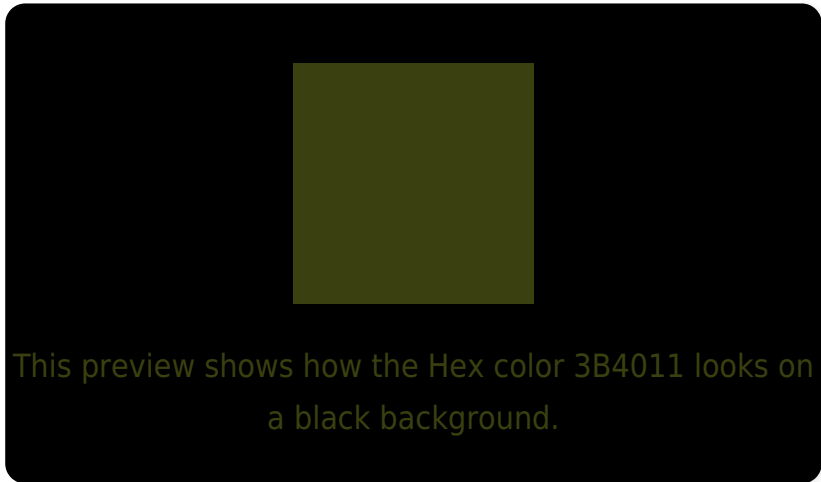
Large Text (above 18pt) WCAG AA ✓ Pass

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

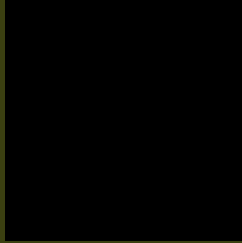
Any Text WCAG AA × Fail

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 3B4011 Background



This preview shows how black text looks on a background with the Hex color 3B4011.



This preview shows how white text looks on a background with the Hex color 3B4011.

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
3B4011

Protanopia
443D10

Deuteranopia
4C3A14



Tritanopia
3F3C40

Trichromacy



Original Color
3B4011

Protanomaly
413E10

Deuteranomaly
463C13

Tritanomaly
3E3D2F

Monochromacy



Original Color
3B4011

Achromatopsia
393939

Achromatomaly
3A3C2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4011 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 #3B4011 looks like.

```
.text, #text, p{  
    color:#3B4011  
}
```

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 #3B4011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4011
}
```

Border

The CSS property to change the border of an element to Hex 3B4011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

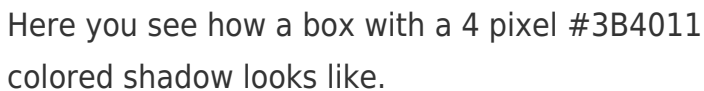
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4011 }
```

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

```
.border{ border-color:#3B4011 }
```

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



Here you see how a box with a 4 pixel #3B4011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4011; -webkit-box-shadow:4px 4px  
4px 4px #3B4011; box-shadow:4px 4px 4px  
4px #3B4011 }
```

Background

The CSS property to change the background color of an element to Hex 3B4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4011 }
```

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

```
.background{ background-color:#3B4011 }
```

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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