

# Converting Colors

Hex(3B4A11)

Have a look what the booklet for  
Hex(3B4A11) contains.

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**Color**

**Hex(3B4A11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B4A11
RGB	59, 74, 17
RGB Percent	23%, 29%, 7%
CMY	0.7686, 0.7098, 0.9333
CMYK	0.20, 0.00, 0.77, 0.71
HSL	76°, 63%, 18%
HSV	76°, 77%, 29%
XYZ	4.3536, 5.8678, 1.4335
YIQ	63.0170, 9.3570, -20.9070

# Conversions

## Conversions Part 2

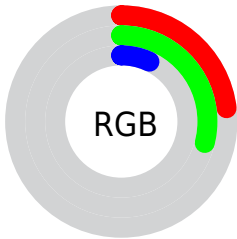
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 74, 32
Decimal	3885585
CIELab	29.08, -15.40, 30.49
CIELCh	29, 34.160, 116.791
Yxy	5.8678, 0.3735, 0.5035
Android (android.graphics.Color)	4282075665 (0xFF3B4A11)
YUV	63.0170, -22.6864, -3.5229
Hunter-Lab	24.2236, -10.3104, 13.4480

# Details

The Hex color **3B4A11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20114A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6C7B3F**, and **0B1E00** is the 20% darker color. If you saturate the color by 10%, you get **394A0A**, and if you desaturate by 10%, it is **3D4A18**.

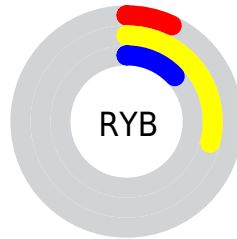
# Distribution



Red (23%)

Green (29%)

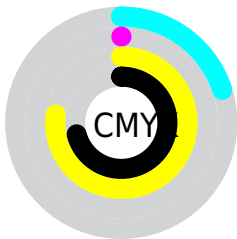
Blue (7%)



Red (7%)

Yellow (29%)

Blue (13%)

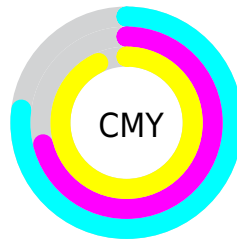


Cyan (20%)

Magenta (0%)

Yellow (77%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B4A11 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 3B4A11 by changing the saturation by 10% instead.





3B4A11



3B4A11



FFFFFF9



253300



6C7B3F



0B1E00



869458



000000



A1AF70



BCCB8A



D8E7A5



F5FFC0



FFFFDC



3B4A11



3B4A11

■ 394A0A

■ 3D4A18

■ 374A02

■ 3F4A20

■ 374A00

■ 414A27

■ 434A2F

■ 454A36

■ 474A3D

■ 494A45

■ 4B4A4C

■ 4D4A54

# Harmonies

## Analogous

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



55420A



3B4A11



164F26

# Triad

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



3B4A11



004E70



722C49

# Complementary

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



3B4A11



20114A

# 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.



623362



3B4A11



004879

# Square

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



3B4A11



00515C



403F74



742E2E

# Rectangle

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



3B4A11



005038



403F74



6F2E51



# Sweetspot

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



3B4A11



5B614B



4A1F11



2D3023



B0B0B0



303030



# Same Dimension

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



3B4A11



496108



1F4A11



252622



4B6600



A9E600



# Inverse Universe

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



20114A



1F0861



3C114A



232226



1B0066



3C00E6



# Previews

## White Background



This preview shows how the Hex color 3B4A11 looks on a white background.

## Color Contrast Check

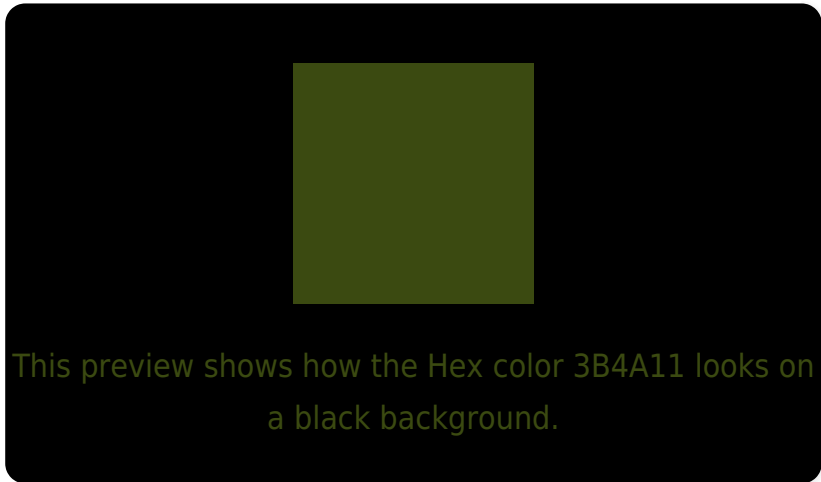
Large Text (above 18pt) WCAG AA ✓ Pass

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

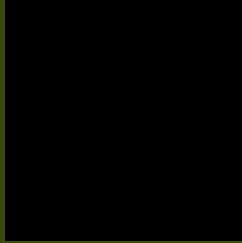
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B4A11 Background



This preview shows how black text looks on a background with the Hex color 3B4A11.



This preview shows how white text looks on a background with the Hex color 3B4A11.

# 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**  
3B4A11

**Protanopia**  
4D4510

**Deuteranopia**  
564115



**Tritanopia**  
41454A

# Trichromacy



**Original Color**  
3B4A11

**Protanomaly**  
464710

**Deuteranomaly**  
4C4414

**Tritanomaly**  
3F4735

# Monochromacy



**Original Color**  
3B4A11

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
3E432E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B4A11 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 #3B4A11 looks like.

```
.text, #text, p{  
    color:#3B4A11  
}
```

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 #3B4A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4A11
}
```

## Border

The CSS property to change the border of an element to Hex 3B4A11 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
#3B4A11 }
```

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

```
.border{ border-color:#3B4A11 }
```

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

Here you see how a box with a 4 pixel #3B4A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4A11; -webkit-box-shadow:4px 4px  
4px 4px #3B4A11; box-shadow:4px 4px 4px  
4px #3B4A11 }
```

# Background

The CSS property to change the background color of an element to Hex 3B4A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4A11 }
```

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

```
.background{ background-color:#3B4A11 }
```

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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