

# Converting Colors

Hex(3B660B)

Have a look what the booklet for  
Hex(3B660B) contains.

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**Color**

**Hex(3B660B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B660B
RGB	59, 102, 11
RGB Percent	23%, 40%, 4%
CMY	0.7686, 0.6000, 0.9569
CMYK	0.42, 0.00, 0.89, 0.60
HSL	88°, 81%, 22%
HSV	88°, 89%, 40%
XYZ	6.6154, 10.4567, 1.9863
YIQ	78.7690, 3.5830, -37.4170

# Conversions

## Conversions Part 2

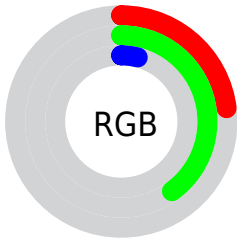
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 102, 54
Decimal	3892747
CIELab	38.65, -29.89, 41.57
CIElCh	39, 51.203, 125.712
Yxy	10.4567, 0.3471, 0.5487
Android (android.graphics.Color)	4282082827 (0xFF3B660B)
YUV	78.7690, -33.4101, -17.3374
Hunter-Lab	32.3368, -20.0723, 18.9939

# Details

The Hex color **3B660B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **360B66**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6F9940**, and **033600** is the 20% darker color. If you saturate the color by 10%, you get **366601**, and if you desaturate by 10%, it is **406615**.

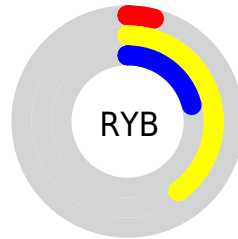
# Distribution



Red (23%)

Green (40%)

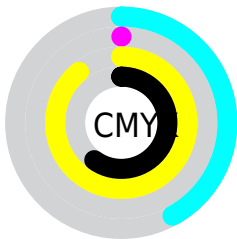
Blue (4%)



Red (4%)

Yellow (40%)

Blue (21%)

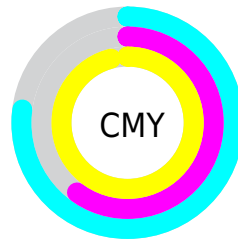


Cyan (42%)

Magenta (0%)

Yellow (89%)

Black (60%)



Cyan (77%)

Magenta (60%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B660B 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 3B660B by changing the saturation by 10% instead.





3B660B



3B660B

FFFFFFD



214E00



6F9940



033600



89B459



002200



A5D073



000000



C1EC8D



DFFFA8



FAFFC4



FFFFE0



3B660B



3B660B

■ 366601

■ 406615

■ 366600

■ 45661F

■ 49662A

■ 4E6634

■ 53663E

■ 586648

■ 5D6652

■ 62665D

■ 666667

# Harmonies

## Analogous

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



675C00



3B660B



006C37

# Triad

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



3B660B



0068A7



A42E55

# Complementary

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



3B660B



360B66

# 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.



92387E



3B660B



005EAE

# Square

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



3B660B



006D8B



654C9F



9F392D

# Rectangle

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



3B660B



006D54



654C9F



A12F63



# Sweetspot

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



3B660B



748561



66350B



38422D



C2C2C2



424242



# Same Dimension

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



3B660B



468500



0E660B



31332E



3D7300



80F200



# Inverse Universe

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



360B66



3F0085



630B66



302E33



360073

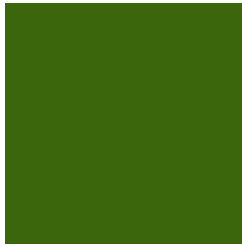


7200F2



# Previews

## White Background



This preview shows how the Hex color 3B660B looks on a white background.

## Color Contrast Check

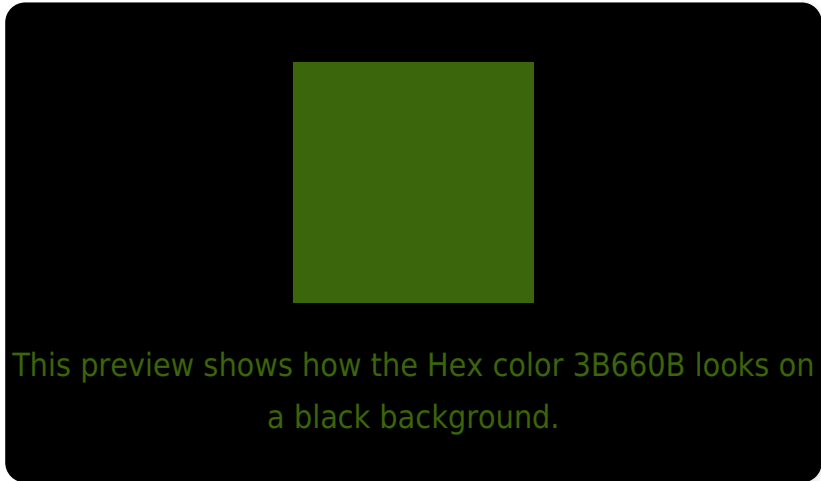
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3B660B Background



This preview shows how black text looks on a background with the Hex color 3B660B.



This preview shows how white text looks on a background with the Hex color 3B660B.

# 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**  
3B660B

**Protanopia**  
665B06

**Deuteranopia**  
725617



**Tritanopia**  
475F66

# Trichromacy



**Original Color**  
3B660B

**Protanomaly**  
565F08

**Deuteranomaly**  
5E5C13

**Tritanomaly**  
436245

# Monochromacy



**Original Color**  
3B660B

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
485736

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B660B 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 #3B660B looks like.

```
.text, #text, p{  
    color:#3B660B  
}
```

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 #3B660B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B660B
}
```

## Border

The CSS property to change the border of an element to Hex 3B660B 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".

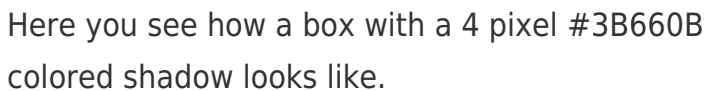
```
.border, #border, table{ border:4px solid
#3B660B }
```

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

```
.border{ border-color:#3B660B }
```

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

Here you see how a box with a 4 pixel #3B660B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B660B; -webkit-box-shadow:4px 4px  
4px 4px #3B660B; box-shadow:4px 4px 4px  
4px #3B660B }
```

# Background

The CSS property to change the background color of an element to Hex 3B660B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B660B }
```

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

```
.background{ background-color:#3B660B }
```

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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