

# Converting Colors

Hex(3B7C00)

Have a look what the booklet for  
Hex(3B7C00) contains.

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# Color

Hex(3B7C00)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B7C00
RGB	59, 124, 0
RGB Percent	23%, 49%, 0%
CMY	0.7686, 0.5137, 1.0000
CMYK	0.52, 0.00, 1.00, 0.51
HSL	91°, 100%, 24%
HSV	91°, 100%, 49%
XYZ	9.0113, 15.3451, 2.4870
YIQ	90.4290, 1.0640, -52.3440

# Conversions

## Conversions Part 2

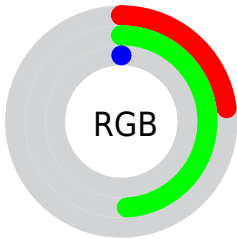
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 124, 65
Decimal	3898368
CIELab	46.10, -39.69, 50.33
CIElCh	46, 64.099, 128.263
Yxy	15.3451, 0.3357, 0.5717
Android (android.graphics.Color)	4282088448 (0xFF3B7C00)
YUV	90.4290, -44.5815, -27.5632
Hunter-Lab	39.1728, -27.4905, 23.6569

# Details

The Hex color **3B7C00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **41007C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **72B13F**, and **004A00** is the 20% darker color. If you saturate the color by 10%, you get **3B7C00**, and if you desaturate by 10%, it is **427C0C**.

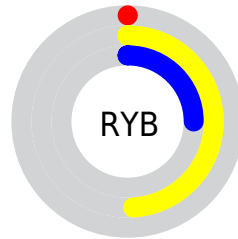
# Distribution



Red (23%)

Green (49%)

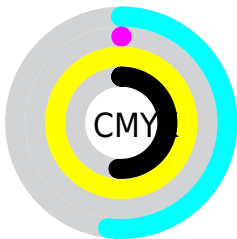
Blue (0%)



Red (0%)

Yellow (49%)

Blue (25%)

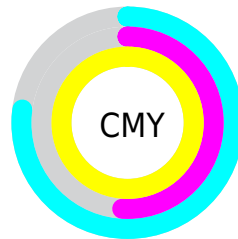


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (77%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B7C00 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 3B7C00 by changing the saturation by 10% instead.



 3B7C00

 3B7C00

FFFFFF

 1D6300

 72B13F

 004A00

 8DCD59

 003300

 A9E974

 001E00

 C6FF8F

 000000

 E3FFAA

 FFFFC6

 FFFFEE3

 3B7C00

 427C0C

 487C19

 4F7C25

 557C32

 5C7C3E

 627C4A

 697C57

 6F7C63

 767C70

# Harmonies

## Analogous

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



777000



3B7C00



008243

# Triad

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



3B7C00



007ED1



CB2C61

# Complementary

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



3B7C00



41007C

# 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.



B73A96



3B7C00



006FD9

# Square

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



3B7C00



0084AF



8057C2



C1412D

# Rectangle

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



3B7C00



008468



8057C2



C82D73



# Sweetspot

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



3B7C00



87A170



7C4000



425234



D1D1D1



525252



# Same Dimension

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



3B7C00



4CA100



007C02



3A3D37



3B7D00



78FC00



# Inverse Universe

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



41007C



5400A1



7C007A



3A373D



41007D

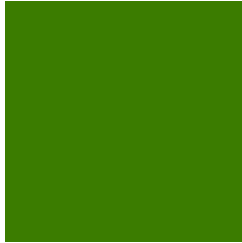


8400FC



# Previews

## White Background



This preview shows how the Hex color 3B7C00 looks on a white background.

## Color Contrast Check

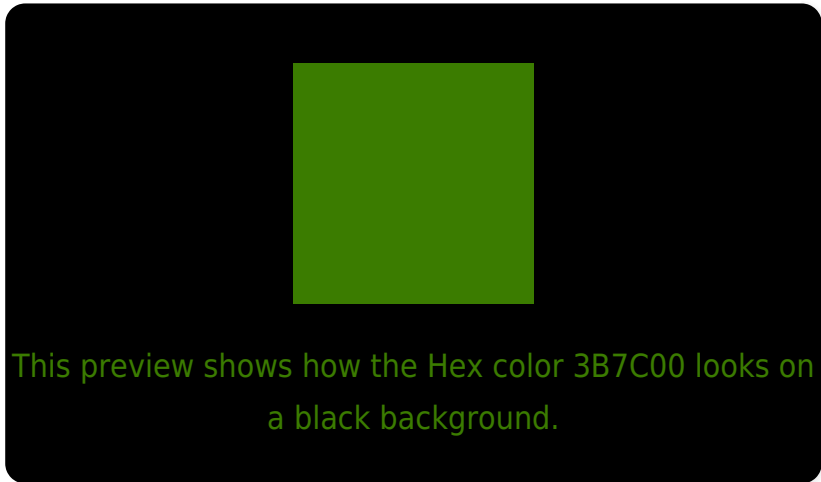
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B7C00 Background



This preview shows how black text looks on a background with the Hex color 3B7C00.



This preview shows how white text looks on a background with the Hex color 3B7C00.

# 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**  
3B7C00

**Deuteranopia**  
896719

**Tritanopia**  
4C737D

# Trichromacy



**Original Color**  
3B7C00

**Deuteranomaly**  
6D6F10

**Tritanomaly**  
467650

# Monochromacy



**Original Color**  
3B7C00

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
4F6639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B7C00 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 #3B7C00 looks like.

```
.text, #text, p{  
    color:#3B7C00  
}
```

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 #3B7C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7C00
}
```

## Border

The CSS property to change the border of an element to Hex 3B7C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

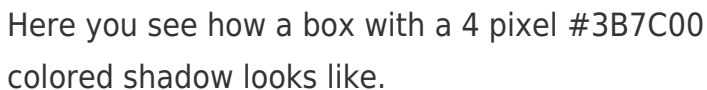
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B7C00 }
```

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

```
.border{ border-color:#3B7C00 }
```

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



Here you see how a box with a 4 pixel `#3B7C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7C00; -webkit-box-shadow:4px 4px  
4px 4px #3B7C00; box-shadow:4px 4px 4px  
4px #3B7C00 }
```

# Background

The CSS property to change the background color of an element to Hex 3B7C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7C00 }
```

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

```
.background{ background-color:#3B7C00 }
```

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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