

Converting Colors

Hex(3B7B00)

Have a look what the booklet for
Hex(3B7B00) contains.

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Color

Hex(3B7B00)

Conversions

Conversions Part 1

Format	Color
Hex	3B7B00
RGB	59, 123, 0
RGB Percent	23%, 48%, 0%
CMY	0.7686, 0.5176, 1.0000
CMYK	0.52, 0.00, 1.00, 0.52
HSL	91°, 100%, 24%
HSV	91°, 100%, 48%
XYZ	8.8866, 15.0957, 2.4454
YIQ	89.8420, 1.3390, -51.8210

Conversions

Conversions Part 2

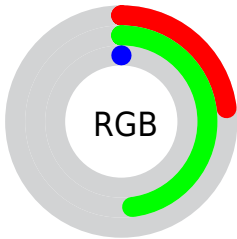
Format	Color
RYB	0, 123, 64
Decimal	3898112
CIELab	45.77, -39.29, 50.06
CIELCh	46, 63.642, 128.127
Yxy	15.0957, 0.3363, 0.5712
Android (android.graphics.Color)	4282088192 (0xFF3B7B00)
YUV	89.8420, -44.2921, -27.0484
Hunter-Lab	38.8532, -27.1662, 23.4656

Details

The Hex color **3B7B00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **40007B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **72B03F**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **3B7B00**, and if you desaturate by 10%, it is **417B0C**.

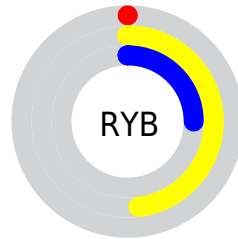
Distribution



Red (23%)

Green (48%)

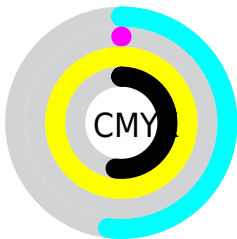
Blue (0%)



Red (0%)

Yellow (48%)

Blue (25%)

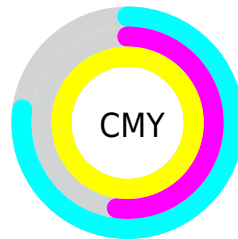


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (77%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7B00 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 3B7B00 by changing the saturation by 10% instead.

 3B7B00

 3B7B00

FFFFFF

 1D6200

 72B03F

 004900

 8DCC59

 003200

 A9E873

 001D00

 C6FF8E

 000000

 E3FFAA

 FFFFC6

 FFFFE2

 3B7B00


 417B0C

 487B19

 4E7B25

 557B31

 5B7B3E

 617B4A

 687B56

 6E7B62

 757B6F

Harmonies

Analogous

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



766F00



3B7B00



008142

Triad

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



3B7B00



007DD0



C92C60

Complementary

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



3B7B00



40007B

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.



B63A95



3B7B00



006ED7

Square

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



3B7B00



0083AD



7E57C1



C0402D

Rectangle

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



3B7B00



008367



7E57C1



C62D72

Sweetspot

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



3B7B00



88A170



7B4000



425234



D1D1D1



525252

Same Dimension

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



3B7B00



4DA100



007B02



3A3D37



3C7D00



79FC00

Inverse Universe

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



40007B



5400A1



7B0079



3A373D



41007D



8300FC

Previews

White Background



This preview shows how the Hex color 3B7B00 looks on a white background.

Color Contrast Check

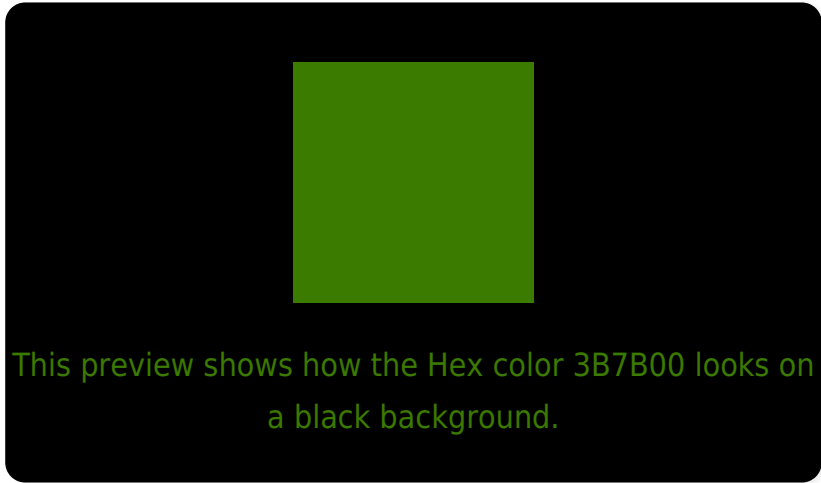
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B7B00 Background



This preview shows how black text looks on a background with the Hex color 3B7B00.



This preview shows how white text looks on a background with the Hex color 3B7B00.

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
3B7B00

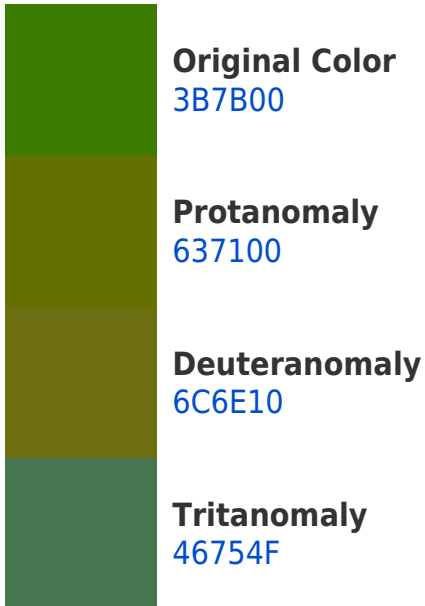
Protanopia
7A6C00

Deuteranopia
886619

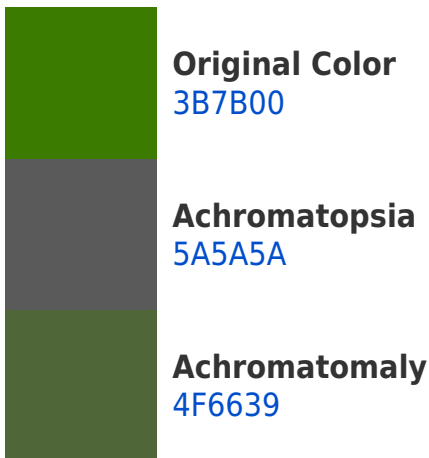


Tritanopia
4C727C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7B00 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 #3B7B00 looks like.

```
.text, #text, p{  
    color:#3B7B00  
}
```

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 #3B7B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7B00
}
```

Border

The CSS property to change the border of an element to Hex 3B7B00 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
#3B7B00 }
```

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

```
.border{ border-color:#3B7B00 }
```

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

Here you see how a box with a 4 pixel #3B7B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7B00; -webkit-box-shadow:4px 4px  
4px 4px #3B7B00; box-shadow:4px 4px 4px  
4px #3B7B00 }
```

Background

The CSS property to change the background color of an element to Hex 3B7B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7B00 }
```

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

```
.background{ background-color:#3B7B00 }
```

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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