

Converting Colors

Hex(3C7E00)

Have a look what the booklet for
Hex(3C7E00) contains.

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Color

Hex(3C7E00)

Conversions

Conversions Part 1

Format	Color
Hex	3C7E00
RGB	60, 126, 0
RGB Percent	24%, 49%, 0%
CMY	0.7647, 0.5059, 1.0000
CMYK	0.52, 0.00, 1.00, 0.51
HSL	91°, 100%, 25%
HSV	91°, 100%, 49%
XYZ	9.3243, 15.8824, 2.5742
YIQ	91.9020, 1.1100, -53.1780

Conversions

Conversions Part 2

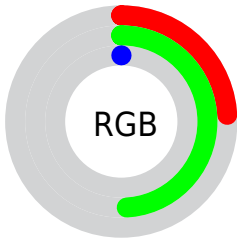
Format	Color
RYB	0, 126, 66
Decimal	3964416
CIELab	46.82, -40.17, 50.91
CIELCh	47, 64.850, 128.278
Yxy	15.8824, 0.3356, 0.5717
Android (android.graphics.Color)	4282154496 (0xFF3C7E00)
YUV	91.9020, -45.3077, -27.9781
Hunter-Lab	39.8527, -27.9786, 24.0672

Details

The Hex color **3C7E00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **42007E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **73B340**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **3C7E00**, and if you desaturate by 10%, it is **437E0D**.

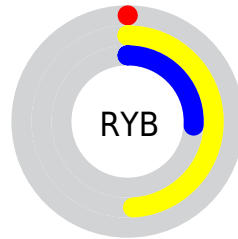
Distribution



Red (24%)

Green (49%)

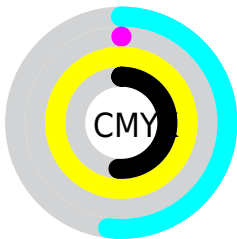
Blue (0%)



Red (0%)

Yellow (49%)

Blue (26%)

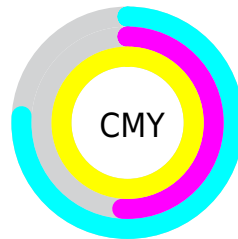


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (76%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7E00 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 3C7E00 by changing the saturation by 10% instead.

 3C7E00

 3C7E00

FFFFFF

 1E6500

 73B340

 004C00

 8FCF5A

 003400

 ABEC74

 002000

 C7FF8F

 000000

 E4FFAB

 FFFFC7

 FFFFE4

 3C7E00

 437E0D

 497E19


 507E26

 567E32

 5D7E3F

 647E4C

 6A7E58

 717E65

 777E71

Harmonies

Analogous

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



797200



3C7E00



008444

Triad

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



3C7E00



0080D5



CE2D62

Complementary

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



3C7E00



42007E

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.



BA3B98



3C7E00



0071DC

Square

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



3C7E00



0086B2



8259C5



C4422E

Rectangle

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



3C7E00



00876A



8259C5



CB2E75

Sweetspot

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



3C7E00



8AA372



7E4100



425234



D1D1D1



525252

Same Dimension

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



3C7E00



4EA300



007E02



3C4039



3D8000



000000

Inverse Universe

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



42007E



5500A3



7E007C



3D3940



430080



000000

Previews

White Background



This preview shows how the Hex color 3C7E00 looks on a white background.

Color Contrast Check

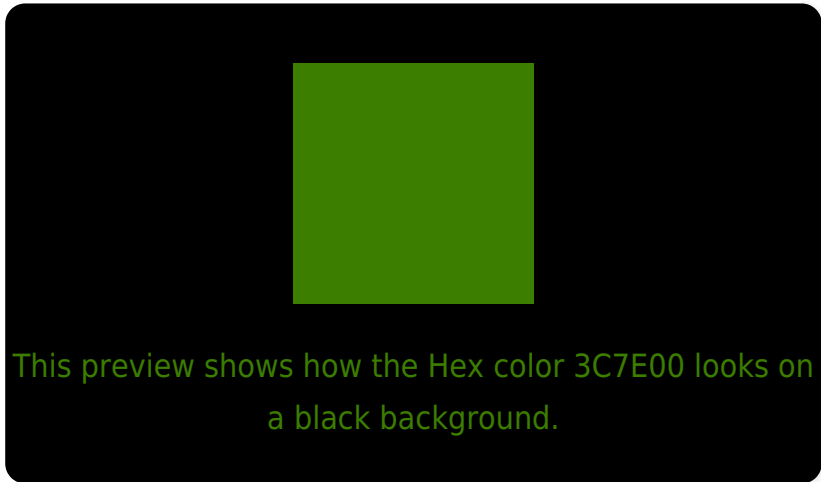
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C7E00 Background



This preview shows how black text looks on a background with the Hex color 3C7E00.



This preview shows how white text looks on a background with the Hex color 3C7E00.

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
3C7E00

Protanopia
7D6F00

Deuteranopia
8B691A



Tritanopia
4E757F

Trichromacy



Original Color
3C7E00

Protanomaly
657400

Deuteranomaly
6E7111

Tritanomaly
477851

Monochromacy



Original Color
3C7E00

Achromatopsia
5C5C5C

Achromatomaly
50683B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7E00 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 #3C7E00 looks like.

```
.text, #text, p{  
    color:#3C7E00  
}
```

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 #3C7E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7E00
}
```

Border

The CSS property to change the border of an element to Hex 3C7E00 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".

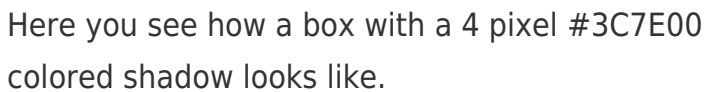
```
.border, #border, table{ border:4px solid
#3C7E00 }
```

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

```
.border{ border-color:#3C7E00 }
```

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

Here you see how a box with a 4 pixel #3C7E00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7E00; -webkit-box-shadow:4px 4px  
4px 4px #3C7E00; box-shadow:4px 4px 4px  
4px #3C7E00 }
```

Background

The CSS property to change the background color of an element to Hex 3C7E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7E00 }
```

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

```
.background{ background-color:#3C7E00 }
```

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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