

Converting Colors

Hex(3A7A00)

Have a look what the booklet for
Hex(3A7A00) contains.

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Color

Hex(3A7A00)

Conversions

Conversions Part 1

Format	Color
Hex	3A7A00
RGB	58, 122, 0
RGB Percent	23%, 48%, 0%
CMY	0.7725, 0.5216, 1.0000
CMYK	0.52, 0.00, 1.00, 0.52
HSL	91°, 100%, 24%
HSV	91°, 100%, 48%
XYZ	8.7045, 14.8186, 2.4015
YIQ	88.9560, 1.0180, -51.5100

Conversions

Conversions Part 2

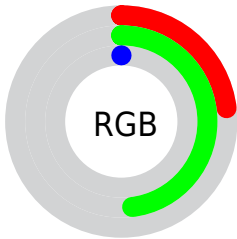
Format	Color
RYB	0, 122, 64
Decimal	3832320
CIELab	45.38, -39.22, 49.75
CIELCh	45, 63.345, 128.248
Yxy	14.8186, 0.3358, 0.5716
Android (android.graphics.Color)	4282022400 (0xFF3A7A00)
YUV	88.9560, -43.8553, -27.1484
Hunter-Lab	38.4949, -27.0038, 23.2477

Details

The Hex color **3A7A00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **40007A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **71AF3F**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **3A7A00**, and if you desaturate by 10%, it is **407A0C**.

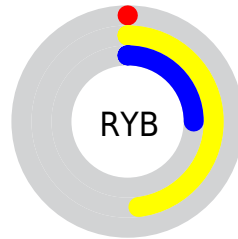
Distribution



Red (23%)

Green (48%)

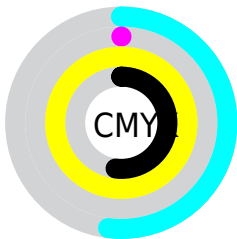
Blue (0%)



Red (0%)

Yellow (48%)

Blue (25%)

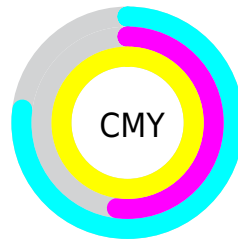


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (77%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7A00 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 3A7A00 by changing the saturation by 10% instead.

 3A7A00

 3A7A00

FFFFFF

 1C6100

 71AF3F

 004800

 8CCB59

 003100

 A8E773

 001B00

 C5FF8E

 000000

 E2FFA9

 FFFFC5

 FFFFE2

 3A7A00

 407A0C

 477A18

 4D7A25

 547A31

 5A7A3D

 607A49

 677A55

 6D7A62

 747A6E

Harmonies

Analogous

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



756E00



3A7A00



008042

Triad

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



3A7A00



007CCE



C82C5F

Complementary

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



3A7A00



40007A

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.



B43994



3A7A00



006DD5

Square

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



3A7A00



0082AC



7E56BF



BE402C

Rectangle

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



3A7A00



008267



7E56BF



C52C71

Sweetspot

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



3A7A00



859E6F



7A3F00



404F33



CFCFCF



4F4F4F

Same Dimension

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



3A7A00



4B9E00



007A02



3A3D37



3B7D00



78FC00

Inverse Universe

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



40007A



53009E



7A0078



3A373D



42007D



8400FC

Previews

White Background



This preview shows how the Hex color 3A7A00 looks on a white background.

Color Contrast Check

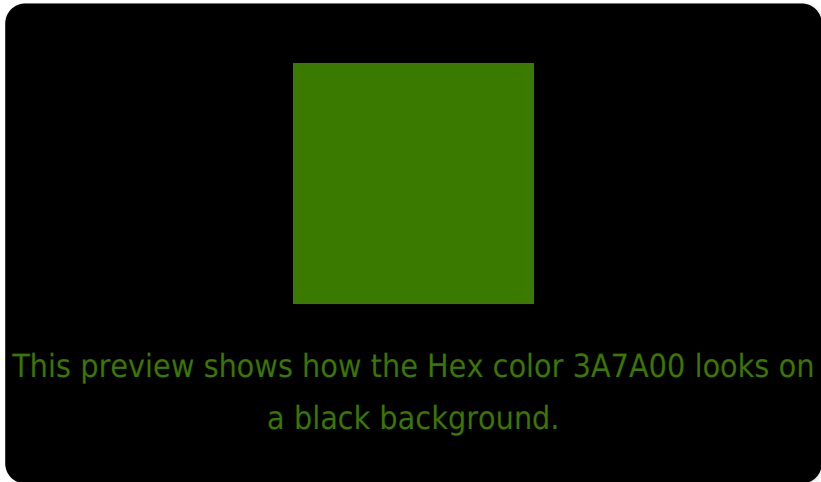
Large Text (above 18pt) WCAG AA ✓ Pass

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

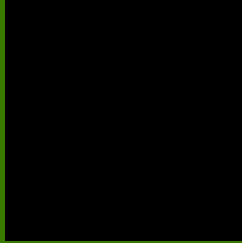
Any Text WCAG AA × Fail

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 3A7A00 Background



This preview shows how black text looks on a background with the Hex color 3A7A00.



This preview shows how white text looks on a background with the Hex color 3A7A00.

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
3A7A00

Protanopia
796B00

Deuteranopia
876619



Tritanopia
4B717B

Trichromacy



Original Color
3A7A00

Protanomaly
627000

Deuteranomaly
6B6D10

Tritanomaly
45744E

Monochromacy



Original Color
3A7A00

Achromatopsia
595959

Achromatomaly
4E6539

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7A00 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 #3A7A00 looks like.

```
.text, #text, p{  
    color:#3A7A00  
}
```

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 #3A7A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7A00
}
```

Border

The CSS property to change the border of an element to Hex 3A7A00 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
#3A7A00 }
```

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

```
.border{ border-color:#3A7A00 }
```

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

Here you see how a box with a 4 pixel #3A7A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7A00; -webkit-box-shadow:4px 4px  
4px 4px #3A7A00; box-shadow:4px 4px 4px  
4px #3A7A00 }
```

Background

The CSS property to change the background color of an element to Hex 3A7A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7A00 }
```

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

```
.background{ background-color:#3A7A00 }
```

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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