

Converting Colors

Hex(3A8B00)

Have a look what the booklet for
Hex(3A8B00) contains.

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Color

Hex(3A8B00)

Conversions

Conversions Part 1

Format	Color
Hex	3A8B00
RGB	58, 139, 0
RGB Percent	23%, 55%, 0%
CMY	0.7725, 0.4549, 1.0000
CMYK	0.58, 0.00, 1.00, 0.45
HSL	95°, 100%, 27%
HSV	95°, 100%, 55%
XYZ	10.9775, 19.3648, 3.1592
YIQ	98.9350, -3.6570, -60.4010

Conversions

Conversions Part 2

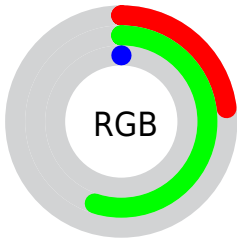
Format	Color
RYB	0, 139, 81
Decimal	3836672
CIELab	51.11, -45.78, 54.25
CIELCh	51, 70.985, 130.157
Yxy	19.3648, 0.3277, 0.5780
Android (android.graphics.Color)	4282026752 (0xFF3A8B00)
YUV	98.9350, -48.7750, -35.9000
Hunter-Lab	44.0054, -32.4811, 26.5473

Details

The Hex color **3A8B00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **51008B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **73C143**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **3A8B00**, and if you desaturate by 10%, it is **428B0E**.

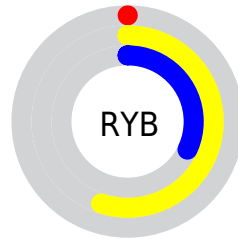
Distribution



Red (23%)

Green (55%)

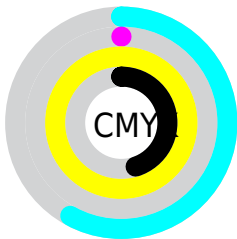
Blue (0%)



Red (0%)

Yellow (55%)

Blue (32%)

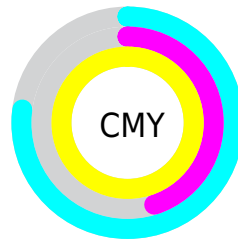


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (77%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A8B00 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 3A8B00 by changing the saturation by 10% instead.

 3A8B00

 3A8B00

FFFFFF

 187100

 73C143

 005800

 8FDE5E

 003F00

 ACFA78

 002A00

 C9FF94

 000800

 E6FFAF

 000000

 FFFFCC

 FFFF80

 3A8B00

 428B0E

 4A8B1C

 528B2A

 5A8B38

 628B46

 6B8B53

 738B61

 7B8B6F

 838B7D

Harmonies

Analogous

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



817E00



3A8B00



00924E

Triad

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



3A8B00



008BEC



E32F68

Complementary

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



3A8B00



51008B

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.



D03DA4



3A8B00



007BF2

Square

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



3A8B00



0093C7



945FD7



D7492E

Rectangle

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



3A8B00



009478



945FD7



E12E7C

Sweetspot

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



3A8B00



95B57F



8B4F00



495C3B



DBDBDB



5C5C5C

Same Dimension

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



3A8B00



4CB500



008B09



41453E



378500



020500

Inverse Universe

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



51008B



6A00B5



8B0082



423E45



4D0085



030005

Previews

White Background



This preview shows how the Hex color 3A8B00 looks on a white background.

Color Contrast Check

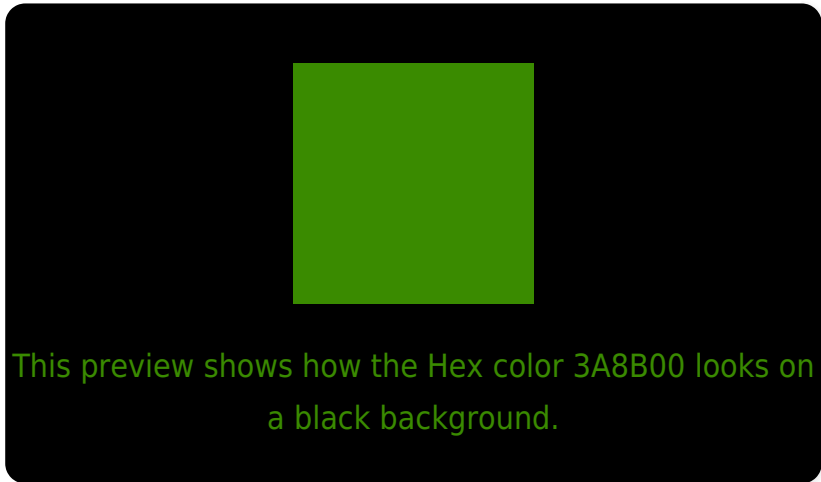
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

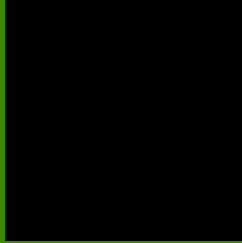
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A8B00 Background



This preview shows how black text looks on a background with the Hex color 3A8B00.

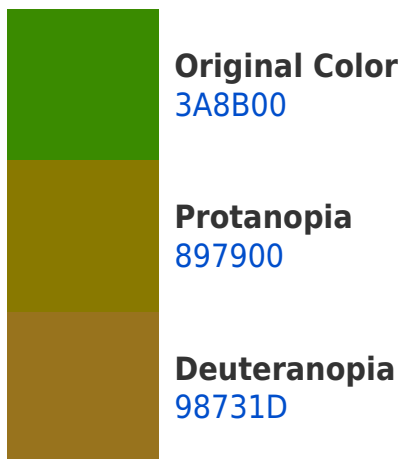



This preview shows how white text looks on a background with the Hex color 3A8B00.

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





Tritanopia
50818C

Trichromacy



Original Color
3A8B00

Protanomaly
6C8000

Deuteranomaly
767C12

Tritanomaly
488559

Monochromacy



Original Color
3A8B00

Achromatopsia
636363

Achromatomaly
54723F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A8B00 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 #3A8B00 looks like.

```
.text, #text, p{  
    color:#3A8B00  
}
```

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 #3A8B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8B00
}
```

Border

The CSS property to change the border of an element to Hex 3A8B00 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
#3A8B00 }
```

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

```
.border{ border-color:#3A8B00 }
```

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

Here you see how a box with a 4 pixel #3A8B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8B00; -webkit-box-shadow:4px 4px  
4px 4px #3A8B00; box-shadow:4px 4px 4px  
4px #3A8B00 }
```

Background

The CSS property to change the background color of an element to Hex 3A8B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8B00 }
```

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

```
.background{ background-color:#3A8B00 }
```

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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