

Converting Colors

Hex(3E8B00)

Have a look what the booklet for
Hex(3E8B00) contains.

Hex(3E8B00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E8B00)

Conversions

Conversions Part 1

Format	Color
Hex	3E8B00
RGB	62, 139, 0
RGB Percent	24%, 55%, 0%
CMY	0.7569, 0.4549, 1.0000
CMYK	0.55, 0.00, 1.00, 0.45
HSL	93°, 100%, 27%
HSV	93°, 100%, 55%
XYZ	11.2192, 19.4894, 3.1705
YIQ	100.1310, -1.2730, -59.5530

Conversions

Conversions Part 2

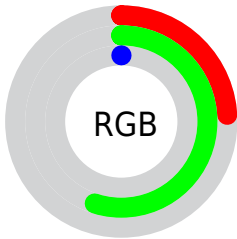
Format	Color
RYB	0, 139, 77
Decimal	4098816
CIELab	51.25, -44.62, 54.43
CIELCh	51, 70.380, 129.346
Yxy	19.4894, 0.3312, 0.5753
Android (android.graphics.Color)	4282288896 (0xFF3E8B00)
YUV	100.1310, -49.3646, -33.4409
Hunter-Lab	44.1468, -31.8938, 26.6447

Details

The Hex color **3E8B00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4D008B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **77C143**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **3E8B00**, and if you desaturate by 10%, it is **468B0E**.

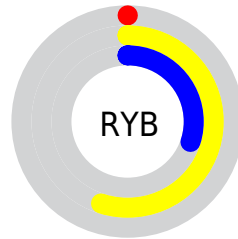
Distribution



Red (24%)

Green (55%)

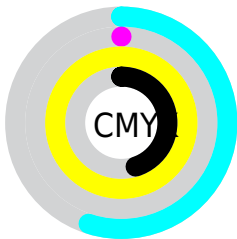
Blue (0%)



Red (0%)

Yellow (55%)

Blue (30%)

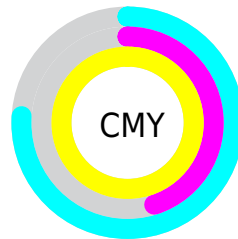


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (76%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8B00 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 3E8B00 by changing the saturation by 10% instead.

 3E8B00

 3E8B00

FFFFFF

 1E7100

 77C143

 005800

 93DD5E

 004000

 AFFA78

 002A00

 CCFF94

 000900

 E9FFAF

 000000

 FFFFCC

 FFFFEE9

 3E8B00

 468B0E

 4D8B1C

 558B2A

 5D8B38

 658B46

 6C8B53

 748B61

 7C8B6F

 838B7D

Harmonies

Analogous

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



837E00



3E8B00



00924D

Triad

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



3E8B00



008CEB



E3316A

Complementary

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



3E8B00



4D008B

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.



CE3FA6



3E8B00



007CF2

Square

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



3E8B00



0093C5



9260D8



D74930

Rectangle

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



3E8B00



009477



9260D8



E0307E

Sweetspot

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



3E8B00



97B57F



8B4C00



495C3B



DBDBDB



5C5C5C

Same Dimension

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



3E8B00



51B500



008B07



41453E



3B8500



020500

Inverse Universe

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



4D008B



6400B5



8B0084



423E45



490085



030005

Previews

White Background



This preview shows how the Hex color 3E8B00 looks on a white background.

Color Contrast Check

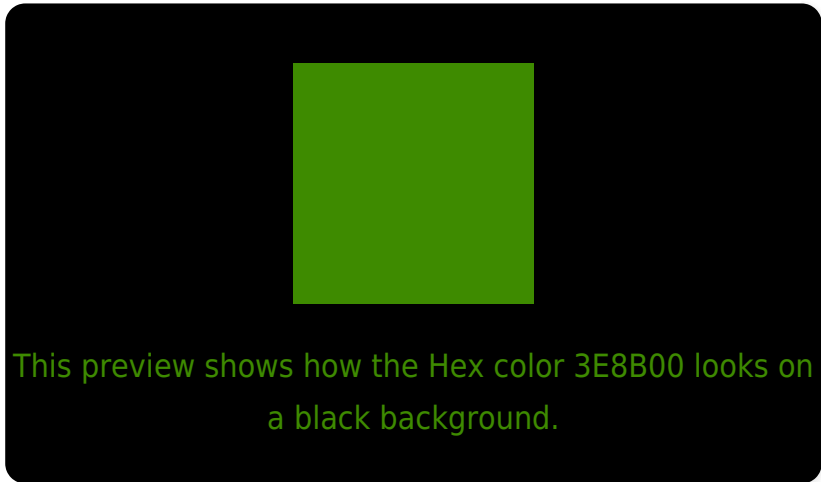
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E8B00 Background



This preview shows how black text looks on a background with the Hex color 3E8B00.



This preview shows how white text looks on a background with the Hex color 3E8B00.

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
3E8B00

Protanopia
897A00

Deuteranopia
99731D



Tritanopia
53818C

Trichromacy



Original Color
3E8B00

Protanomaly
6E8000

Deuteranomaly
787C12

Tritanomaly
4B8559

Monochromacy



Original Color
3E8B00

Achromatopsia
646464

Achromatomaly
567240

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8B00 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 #3E8B00 looks like.

```
.text, #text, p{  
    color:#3E8B00  
}
```

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 #3E8B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8B00
}
```

Border

The CSS property to change the border of an element to Hex 3E8B00 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
#3E8B00 }
```

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

```
.border{ border-color:#3E8B00 }
```

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

Here you see how a box with a 4 pixel #3E8B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8B00; -webkit-box-shadow:4px 4px  
4px 4px #3E8B00; box-shadow:4px 4px 4px  
4px #3E8B00 }
```

Background

The CSS property to change the background color of an element to Hex 3E8B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8B00 }
```

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

```
.background{ background-color:#3E8B00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor