

Converting Colors

Hex(3C8A0A)

Have a look what the booklet for
Hex(3C8A0A) contains.

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Color

Hex(3C8A0A)

Conversions

Conversions Part 1

Format	Color
Hex	3C8A0A
RGB	60, 138, 10
RGB Percent	24%, 54%, 4%
CMY	0.7647, 0.4588, 0.9608
CMYK	0.57, 0.00, 0.93, 0.46
HSL	97°, 86%, 29%
HSV	97°, 93%, 54%
XYZ	11.0067, 19.1595, 3.4052
YIQ	100.0860, -5.4000, -56.3440

Conversions

Conversions Part 2

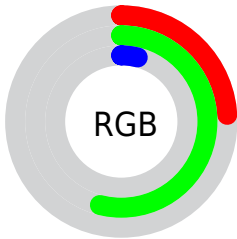
Format	Color
RYB	10, 138, 88
Decimal	3967498
CIELab	50.87, -44.54, 52.29
CIELCh	51, 68.682, 130.423
Yxy	19.1595, 0.3279, 0.5707
Android (android.graphics.Color)	4282157578 (0xFF3C8A0A)
YUV	100.0860, -44.4124, -35.1554
Hunter-Lab	43.7716, -31.7149, 26.0277

Details

The Hex color **3C8A0A** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **580A8A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **75C047**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **368A00**, and if you desaturate by 10%, it is **448A18**.

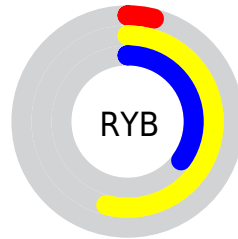
Distribution



Red (24%)

Green (54%)

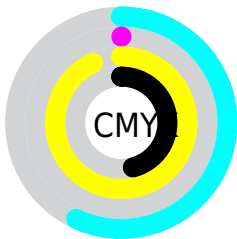
Blue (4%)



Red (4%)

Yellow (54%)

Blue (35%)

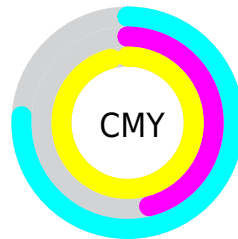


Cyan (57%)

Magenta (0%)

Yellow (93%)

Black (46%)



Cyan (76%)

Magenta (46%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8A0A 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 3C8A0A by changing the saturation by 10% instead.

 3C8A0A

 3C8A0A

FFFFFF

 1B7000

 75C047

 005700

 91DC61

 003F00

 ADF97C

 002A00

 CAFF97

 000600

 E7FFB3

 000000

 FFFFCF

 FFFFEC

 3C8A0A

 3C8A0A

■ 368A00

■ 448A18

■ 4D8A26

■ 558A33

■ 5E8A41

■ 668A4F

■ 6E8A5D

■ 778A6B

■ 7F8A78

■ 888A86

Harmonies

Analogous

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



807D00



3C8A0A



00914F

Triad

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



3C8A0A



008AE8



DF3367

Complementary

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



3C8A0A



580A8A

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.



CD3FA2



3C8A0A



007AEE

Square

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



3C8A0A



0092C4



945FD3



D34B2F

Rectangle

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



3C8A0A



009378



945FD3



DD337B

Sweetspot

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



3C8A0A



94B381



8A570A



47593B



D9D9D9



595959

Same Dimension

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



3C8A0A



46B300



0A8A17



41453E



348500



020500

Inverse Universe

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



580A8A



6D00B3



8A0A7D



423E45



510085



030005

Previews

White Background



This preview shows how the Hex color 3C8A0A looks on a white background.

Color Contrast Check

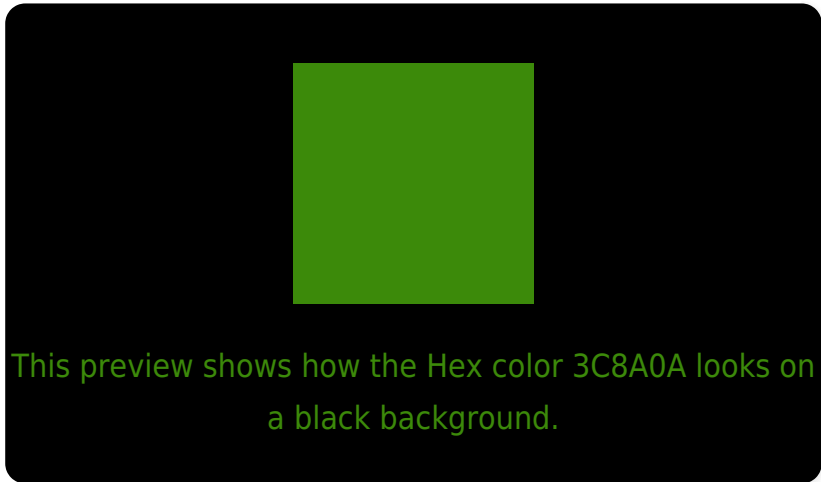
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C8A0A Background



This preview shows how black text looks on a background with the Hex color 3C8A0A.



This preview shows how white text looks on a background with the Hex color 3C8A0A.

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
3C8A0A

Protanopia
887900

Deuteranopia
98721E



Tritanopia
51808B

Trichromacy



Original Color
3C8A0A



Protanomaly
6C7F04



Deuteranomaly
777B17



Tritanomaly
49845C

Monochromacy



Original Color
3C8A0A



Achromatopsia
646464



Achromatomaly
557243

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8A0A 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 #3C8A0A looks like.

```
.text, #text, p{  
    color:#3C8A0A  
}
```

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 #3C8A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8A0A
}
```

Border

The CSS property to change the border of an element to Hex 3C8A0A 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
#3C8A0A }
```

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

```
.border{ border-color:#3C8A0A }
```

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

Here you see how a box with a 4 pixel #3C8A0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8A0A; -webkit-box-shadow:4px 4px  
4px 4px #3C8A0A; box-shadow:4px 4px 4px  
4px #3C8A0A }
```

Background

The CSS property to change the background color of an element to Hex 3C8A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8A0A }
```

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

```
.background{ background-color:#3C8A0A }
```

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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