

# Converting Colors

Hex(3A8C2A)

Have a look what the booklet for  
Hex(3A8C2A) contains.

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# Color

Hex(3A8C2A)

# Conversions

## Conversions Part 1

Format	Color
Hex	3A8C2A
RGB	58, 140, 42
RGB Percent	23%, 55%, 16%
CMY	0.7725, 0.4510, 0.8353
CMYK	0.59, 0.00, 0.70, 0.45
HSL	110°, 54%, 36%
HSV	110°, 70%, 55%
XYZ	11.5409, 19.8229, 5.4084
YIQ	104.3100, -17.4140, -47.8620

# Conversions

## Conversions Part 2

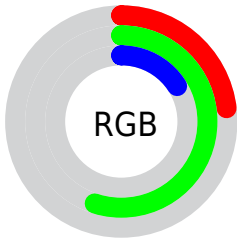
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 140, 124
Decimal	3836970
CIE Lab	51.64, -43.94, 43.10
CIE LCh	52, 61.549, 135.558
Yxy	19.8229, 0.3138, 0.5391
Android (android.graphics.Color)	4282027050 (0xFF3A8C2A)
YUV	104.3100, -30.7188, -40.6139
Hunter-Lab	44.5229, -31.6455, 23.9638

# Details

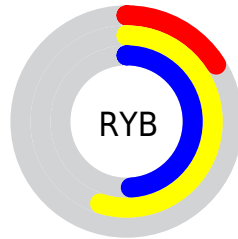
The Hex color **3A8C2A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7C2A8C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **72C25D**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **2E8C1C**, and if you desaturate by 10%, it is **468C38**.

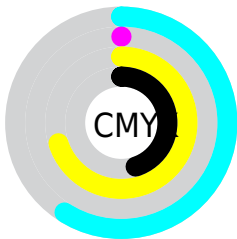
# Distribution



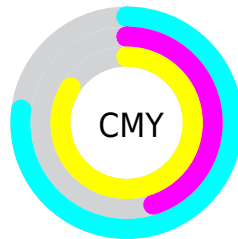
- Red (23%)
- Green (55%)
- Blue (16%)



- Red (16%)
- Yellow (55%)
- Blue (49%)



- Cyan (59%)
- Magenta (0%)
- Yellow (70%)
- Black (45%)



- Cyan (77%)
- Magenta (45%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A8C2A 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 3A8C2A by changing the saturation by 10% instead.





3A8C2A



3A8C2A

FFFFFF



1A720E



72C25D



005900



8EDF77



004000



AAFC91



002B00



C6FFAD



000B00



E4FFC8



000000



FFFFE5



3A8C2A



3A8C2A



2E8C1C



468C38

 238C0E

 518C46

 178C00

 5D8C54

 698C62

 758C70

 808C7E

 8C8C8C

 988C9A

 A38CA8

# Harmonies

## Analogous

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



7A8100



3A8C2A



00925F

# Triad

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



3A8C2A



0088E1



D94562

# Complementary

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



3A8C2A



7C2A8C

# 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.



CC4997



3A8C2A



3D78E1

# Square

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



3A8C2A



0091C5



A060C6



CA5831

# Rectangle

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



3A8C2A



009384



A060C6



D84374



# Sweetspot

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



3A8C2A



95B58F



8C7C2A



495C45



DBDBDB



5C5C5C



# Same Dimension

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



3A8C2A



36B51D



2A8C4B



3F453E



168500



010500



# Inverse Universe

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



7C2A8C



9C1DB5



8C2A6B



443E45



6F0085



040005



# Previews

## White Background



This preview shows how the Hex color 3A8C2A looks on a white background.

## Color Contrast Check

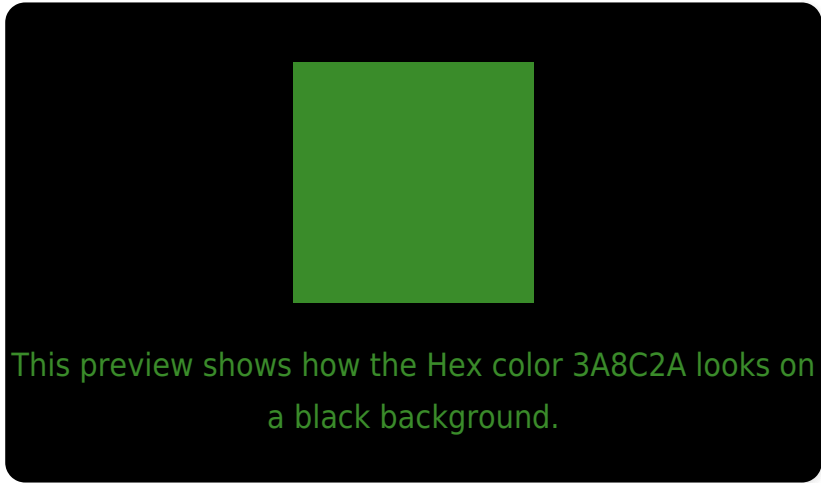
Large Text (above 18pt) WCAG AA ✓ Pass

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

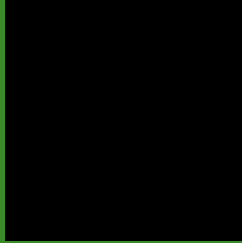
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3A8C2A Background



This preview shows how black text looks on a background with the Hex color 3A8C2A.



This preview shows how white text looks on a background with the Hex color 3A8C2A.

# 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**  
3A8C2A

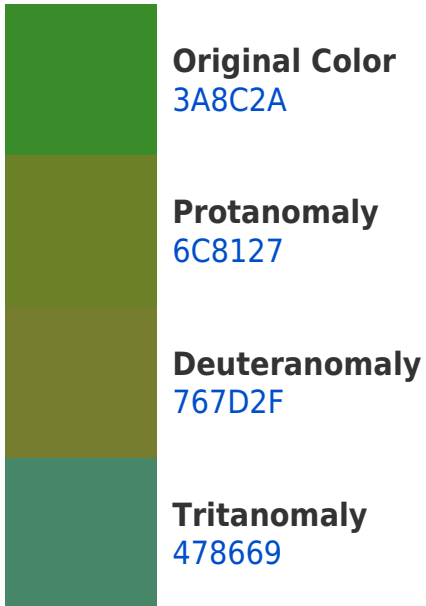
**Protanopia**  
897B25

**Deuteranopia**  
987432

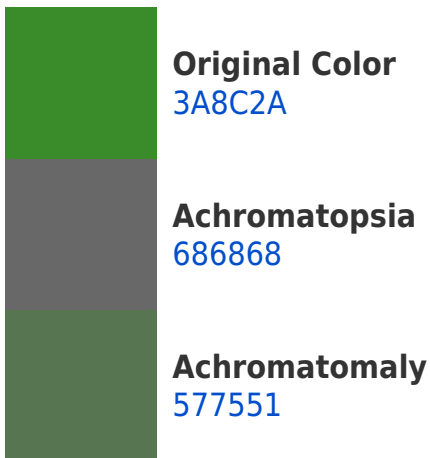


**Tritanopia**  
4F838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A8C2A 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 #3A8C2A looks like.

```
.text, #text, p{  
    color:#3A8C2A  
}
```

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 #3A8C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8C2A
}
```

## Border

The CSS property to change the border of an element to Hex 3A8C2A 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
#3A8C2A }
```

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

```
.border{ border-color:#3A8C2A }
```

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

Here you see how a box with a 4 pixel #3A8C2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8C2A; -webkit-box-shadow:4px 4px  
4px 4px #3A8C2A; box-shadow:4px 4px 4px  
4px #3A8C2A }
```

# Background

The CSS property to change the background color of an element to Hex 3A8C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8C2A }
```

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

```
.background{ background-color:#3A8C2A }
```

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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