

Converting Colors

Hex(3A8C2D)

Have a look what the booklet for
Hex(3A8C2D) contains.

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Color

Hex(3A8C2D)

Conversions

Conversions Part 1

Format	Color
Hex	3A8C2D
RGB	58, 140, 45
RGB Percent	23%, 55%, 18%
CMY	0.7725, 0.4510, 0.8235
CMYK	0.59, 0.00, 0.68, 0.45
HSL	112°, 51%, 36%
HSV	112°, 68%, 55%
XYZ	11.5967, 19.8452, 5.7019
YIQ	104.6520, -18.3770, -46.9290

Conversions

Conversions Part 2

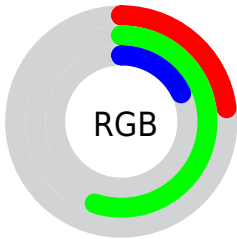
Format	Color
RYB	45, 140, 127
Decimal	3836973
CIELab	51.66, -43.65, 41.83
CIELCh	52, 60.462, 136.221
Yxy	19.8452, 0.3122, 0.5343
Android (android.graphics.Color)	4282027053 (0xFF3A8C2D)
YUV	104.6520, -29.4084, -40.9138
Hunter-Lab	44.5479, -31.4920, 23.5947

Details

The Hex color **3A8C2D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7F2D8C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **72C25F**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **2E8C1F**, and if you desaturate by 10%, it is **468C3B**.

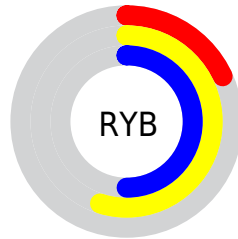
Distribution



Red (23%)

Green (55%)

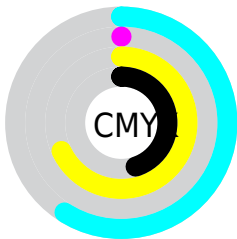
Blue (18%)



Red (18%)

Yellow (55%)

Blue (50%)

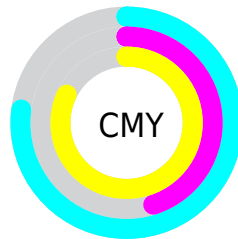


Cyan (59%)

Magenta (0%)

Yellow (68%)

Black (45%)



Cyan (77%)

Magenta (45%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A8C2D 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 3A8C2D by changing the saturation by 10% instead.



3A8C2D



3A8C2D

FFFFFF



1A7212



72C25F



005900



8EDF79



004000



AAFB94



002B00



C6FFAF



000B00



E3FFCB



000000



FFFFE8



3A8C2D



3A8C2D



2E8C1F



468C3B

■ 228C11

■ 528C49

■ 168C03

■ 5E8C57

■ 138C00

■ 6A8C65

■ 768C73

■ 838C81

■ 8F8C8F

■ 9B8C9D

■ A78CAB

Harmonies

Analogous

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



798100



3A8C2D



009161

Triad

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



3A8C2D



0088E0



D74761

Complementary

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



3A8C2D



7F2D8C

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.



CC4A95



3A8C2D



4377DF

Square

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



3A8C2D



0090C5



A060C3



C95A31

Rectangle

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



3A8C2D



009385



A060C3



D74573

Sweetspot

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



3A8C2D



96B591



8C7E2D



495C46



DBDBDB



5C5C5C

Same Dimension

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



3A8C2D



36B522



2D8C4E



3F453E



128500



010500

Inverse Universe

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



7F2D8C



A122B5



8C2D6B



443E45



720085



040005

Previews

White Background



This preview shows how the Hex color 3A8C2D looks on a white background.

Color Contrast Check

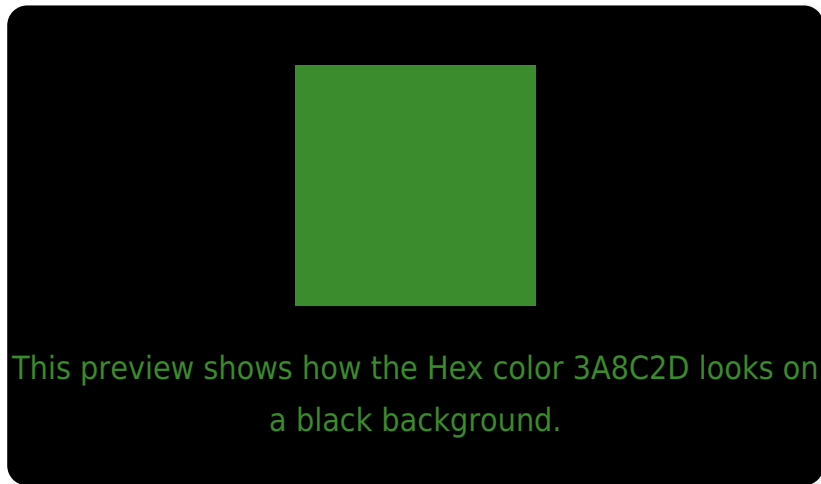
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A8C2D Background



This preview shows how black text looks on a background with the Hex color 3A8C2D.



This preview shows how white text looks on a background with the Hex color 3A8C2D.

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
3A8C2D

Protanopia
897B28

Deuteranopia
987435



Tritanopia
4F838D

Trichromacy



Original Color
3A8C2D



Protanomaly
6C812A



Deuteranomaly
767D32



Tritanomaly
47866A

Monochromacy



Original Color
3A8C2D



Achromatopsia
696969



Achromatomaly
587653

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A8C2D 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 #3A8C2D looks like.

```
.text, #text, p{  
    color:#3A8C2D  
}
```

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 #3A8C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8C2D
}
```

Border

The CSS property to change the border of an element to Hex 3A8C2D 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
#3A8C2D }
```

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

```
.border{ border-color:#3A8C2D }
```

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

Here you see how a box with a 4 pixel #3A8C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8C2D; -webkit-box-shadow:4px 4px  
4px 4px #3A8C2D; box-shadow:4px 4px 4px  
4px #3A8C2D }
```

Background

The CSS property to change the background color of an element to Hex 3A8C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8C2D }
```

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

```
.background{ background-color:#3A8C2D }
```

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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