

Converting Colors

Hex(3B8A2D)

Have a look what the booklet for
Hex(3B8A2D) contains.

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Color

Hex(3B8A2D)

Conversions

Conversions Part 1

Format	Color
Hex	3B8A2D
RGB	59, 138, 45
RGB Percent	23%, 54%, 18%
CMY	0.7686, 0.4588, 0.8235
CMYK	0.57, 0.00, 0.67, 0.46
HSL	111°, 51%, 36%
HSV	111°, 67%, 54%
XYZ	11.3658, 19.2962, 5.6081
YIQ	103.7770, -17.2310, -45.6710

Conversions

Conversions Part 2

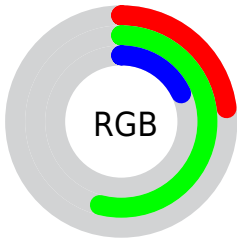
Format	Color
RYB	45, 138, 124
Decimal	3901997
CIELab	51.03, -42.60, 41.16
CIELCh	51, 59.234, 135.984
Yxy	19.2962, 0.3134, 0.5320
Android (android.graphics.Color)	4282092077 (0xFF3B8A2D)
YUV	103.7770, -28.9771, -39.2694
Hunter-Lab	43.9275, -30.6881, 23.1798

Details

The Hex color **3B8A2D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7C2D8A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **72C05F**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **2F8A1F**, and if you desaturate by 10%, it is **478A3B**.

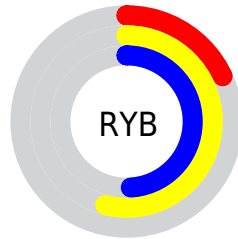
Distribution



Red (23%)

Green (54%)

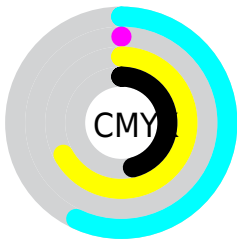
Blue (18%)



Red (18%)

Yellow (54%)

Blue (49%)

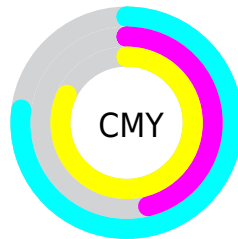


Cyan (57%)

Magenta (0%)

Yellow (67%)

Black (46%)



Cyan (77%)

Magenta (46%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B8A2D 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 3B8A2D by changing the saturation by 10% instead.

 3B8A2D

 3B8A2D

FFFFFF

 1C7012

 72C05F

 005700

 8EDC79

 003F00

 AAF994

 002900

 C6FFAF

 000700

 E3FFCB

 000000

 FFFFE7

 3B8A2D

 3B8A2D

 2F8A1F

 478A3B

 248A11

 528A49


 188A04

 5E8A56

 158A00

 6A8A64

 768A72

 818A80

 8D8A8E

 998A9B

 A58AA9

Harmonies

Analogous

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



787F00



3B8A2D



008F5F

Triad

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



3B8A2D



0086DC



D44761

Complementary

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



3B8A2D



7C2D8A

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.



C84A93



3B8A2D



4376DB

Square

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



3B8A2D



008EC1



9E5FC0



C65932

Rectangle

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



3B8A2D



009183



9E5FC0



D34572

Sweetspot

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



3B8A2D



94B38F



8A7B2D



475944



D9D9D9



595959

Same Dimension

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



3B8A2D



38B322



2D8A4C



3F453E



148500



010500

Inverse Universe

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



7C2D8A



9D22B3



8A2D6B



443E45



710085



040005

Previews

White Background



This preview shows how the Hex color 3B8A2D looks on a white background.

Color Contrast Check

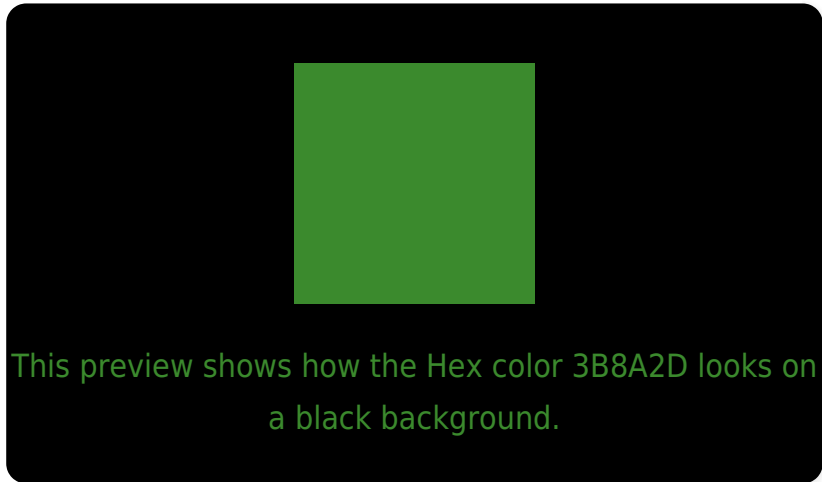
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B8A2D Background



This preview shows how black text looks on a background with the Hex color 3B8A2D.



This preview shows how white text looks on a background with the Hex color 3B8A2D.

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
3B8A2D

Protanopia
877928

Deuteranopia
967335



Tritanopia
4F818B

Trichromacy



Original Color
3B8A2D

Protanomaly
6B7F2A

Deuteranomaly
757B32

Tritanomaly
488469

Monochromacy



Original Color
3B8A2D

Achromatopsia
686868

Achromatomaly
587453

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B8A2D 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 #3B8A2D looks like.

```
.text, #text, p{  
    color:#3B8A2D  
}
```

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 #3B8A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8A2D
}
```

Border

The CSS property to change the border of an element to Hex 3B8A2D 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
#3B8A2D }
```

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

```
.border{ border-color:#3B8A2D }
```

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

Here you see how a box with a 4 pixel #3B8A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8A2D; -webkit-box-shadow:4px 4px  
4px 4px #3B8A2D; box-shadow:4px 4px 4px  
4px #3B8A2D }
```

Background

The CSS property to change the background color of an element to Hex 3B8A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8A2D }
```

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

```
.background{ background-color:#3B8A2D }
```

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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