

Converting Colors

Hex(3C9B2E)

Have a look what the booklet for
Hex(3C9B2E) contains.

Hex(3C9B2E)	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(3C9B2E)

Conversions

Conversions Part 1

Format	Color
Hex	3C9B2E
RGB	60, 155, 46
RGB Percent	24%, 61%, 18%
CMY	0.7647, 0.3922, 0.8196
CMYK	0.61, 0.00, 0.70, 0.39
HSL	112°, 54%, 39%
HSV	112°, 70%, 61%
XYZ	14.0780, 24.6006, 6.5912
YIQ	114.1690, -21.6310, -54.0390

Conversions

Conversions Part 2

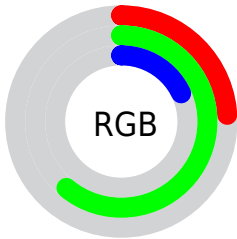
Format	Color
RYB	46, 155, 141
Decimal	3971886
CIELab	56.68, -48.75, 46.79
CIELCh	57, 67.567, 136.174
Yxy	24.6006, 0.3110, 0.5434
Android (android.graphics.Color)	4282161966 (0xFF3C9B2E)
YUV	114.1690, -33.6073, -47.5062
Hunter-Lab	49.5990, -36.1336, 26.8403

Details

The Hex color **3C9B2E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8D2E9B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **76D262**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **2E9B1F**, and if you desaturate by 10%, it is **4A9B3E**.

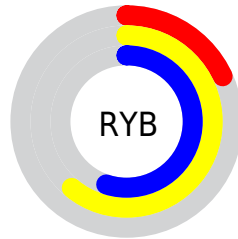
Distribution



Red (24%)

Green (61%)

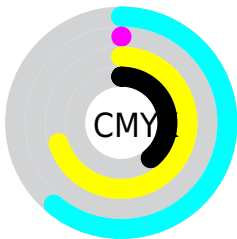
Blue (18%)



Red (18%)

Yellow (61%)

Blue (55%)

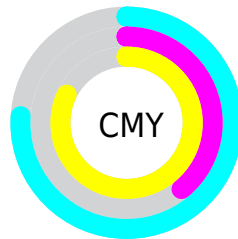


Cyan (61%)

Magenta (0%)

Yellow (70%)

Black (39%)



Cyan (76%)

Magenta (39%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9B2E 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 3C9B2E by changing the saturation by 10% instead.



3C9B2E



3C9B2E

FFFFFF



188011



76D262



006700



92EF7C



004E00



AFFF97



003600



CCFFB3



001F00



EAFFCF



000000



FFFFEB



3C9B2E



3C9B2E



2E9B1F



4A9B3E

■ 219B0F

■ 579B4D

■ 149B00

■ 659B5D

■ 729B6C

■ 809B7C

■ 8D9B8B

■ 9B9B9B

■ A89BAA

■ B69BBA

Harmonies

Analogous

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



858F00



3C9B2E



00A16A

Triad

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



3C9B2E



0097FB



F04B6B

Complementary

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



3C9B2E



8D2E9B

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.



E34EA6



3C9B2E



4484FA

Square

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



3C9B2E



00A0DC



B269DA



E06134

Rectangle

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



3C9B2E



00A393



B269DA



F0487E

Sweetspot

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



3C9B2E



A5C99F



9B8C2E



50664D



E6E6E6



666666

Same Dimension

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



3C9B2E



36C920



2E9B56



464D45



128C00



020D00

Inverse Universe

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



8D2E9B



B420C9



9B2E73



4C454D



7A008C



0B000D

Previews

White Background



This preview shows how the Hex color 3C9B2E looks on a white background.

Color Contrast Check

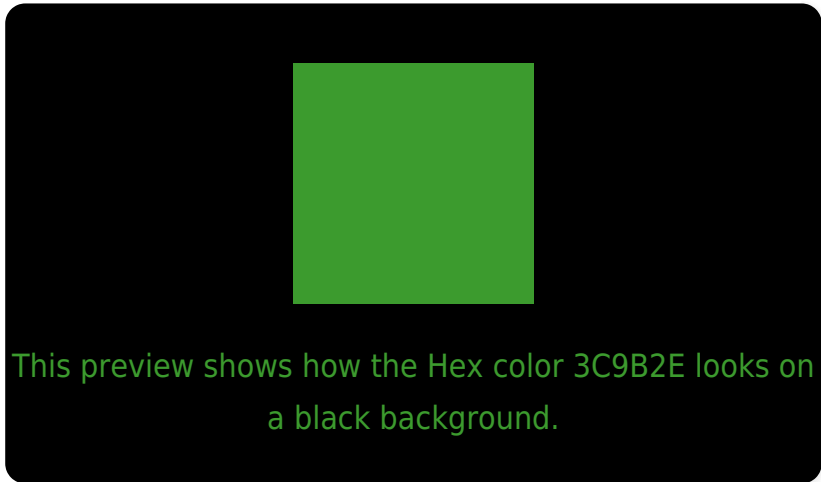
Large Text (above 18pt) WCAG AA ✓ Pass

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

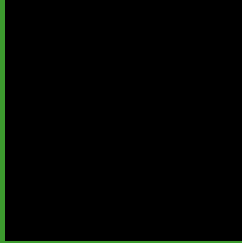
Any Text WCAG AA ✓ Pass

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 3C9B2E Background



This preview shows how black text looks on a background with the Hex color 3C9B2E.



This preview shows how white text looks on a background with the Hex color 3C9B2E.

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
3C9B2E

Protanopia
978729

Deuteranopia
A88037



Tritanopia
55919C

Trichromacy



Original Color
3C9B2E



Protanomaly
768E2B



Deuteranomaly
818A34



Tritanomaly
4C9574

Monochromacy



Original Color
3C9B2E



Achromatopsia
727272



Achromatomaly
5E8159

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9B2E 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 #3C9B2E looks like.

```
.text, #text, p{  
    color:#3C9B2E  
}
```

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 #3C9B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9B2E
}
```

Border

The CSS property to change the border of an element to Hex 3C9B2E 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
#3C9B2E }
```

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

```
.border{ border-color:#3C9B2E }
```

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

Here you see how a box with a 4 pixel #3C9B2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9B2E; -webkit-box-shadow:4px 4px  
4px 4px #3C9B2E; box-shadow:4px 4px 4px  
4px #3C9B2E }
```

Background

The CSS property to change the background color of an element to Hex 3C9B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9B2E }
```

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

```
.background{ background-color:#3C9B2E }
```

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