

Converting Colors

Hex(3C923E)

Have a look what the booklet for
Hex(3C923E) contains.

Hex(3C923E)	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(3C923E)

Conversions

Conversions Part 1

Format	Color
Hex	3C923E
RGB	60, 146, 62
RGB Percent	24%, 57%, 24%
CMY	0.7647, 0.4275, 0.7569
CMYK	0.59, 0.00, 0.58, 0.43
HSL	121°, 42%, 40%
HSV	121°, 59%, 57%
XYZ	13.0119, 21.8662, 8.0922
YIQ	110.7100, -24.2920, -44.3560

Conversions

Conversions Part 2

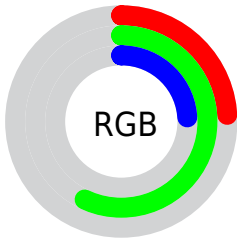
Format	Color
RYB	60, 144, 146
Decimal	3969598
CIELab	53.88, -43.53, 36.40
CIELCh	54, 56.749, 140.097
Yxy	21.8662, 0.3028, 0.5089
Android (android.graphics.Color)	4282159678 (0xFF3C923E)
YUV	110.7100, -24.0140, -44.4727
Hunter-Lab	46.7613, -32.1627, 22.4726

Details

The Hex color **3C923E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **923C90**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **74C970**, and **005E0B** is the 20% darker color. If you saturate the color by 10%, you get **2D9230**, and if you desaturate by 10%, it is **4B924C**.

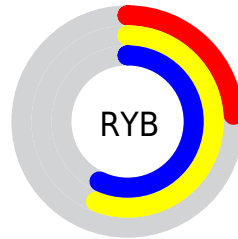
Distribution



Red (24%)

Green (57%)

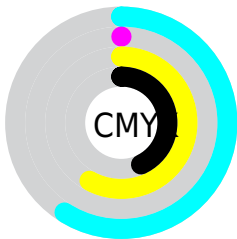
Blue (24%)



Red (24%)

Yellow (56%)

Blue (57%)

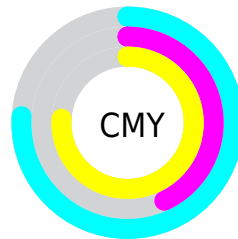


Cyan (59%)

Magenta (0%)

Yellow (58%)

Black (43%)



Cyan (76%)

Magenta (43%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C923E 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 3C923E by changing the saturation by 10% instead.



3C923E



3C923E

FFFFFF



1C7826



74C970



005E0B



90E58A



004600



ACFFA5



002F00



C8FFC0



001600



E5FFDD



000000



FFFFFFA



3C923E



3C923E



2D9230



4B924C

■ 1F9221

■ 59925B

■ 109213

■ 689269

■ 029205

■ 769277

■ 009203

■ 859285

■ 949294

■ A292A2

■ B192B0

■ BF92BE

Harmonies

Analogous

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



7A8817



3C923E



00976E

Triad

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



3C923E



008BE1



D95462

Complementary

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



3C923E



923C90

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.



D15393



3C923E



617BDD

Square

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



3C923E



0094CB



AC65C0



C96536

Rectangle

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



3C923E



009890



AC65C0



D95172

Sweetspot

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



3C923E



9BBD9C



91923C



4A5E4A



DEDEDE



5E5E5E

Same Dimension

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



3C923E



37BD3A



3C9268



434A43



008A03



000A00

Inverse Universe

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



923C90



BD37BA



923C66



4A434A



8A0086



0A000A

Previews

White Background



This preview shows how the Hex color 3C923E 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 3C923E Background



This preview shows how black text looks on a background with the Hex color 3C923E.

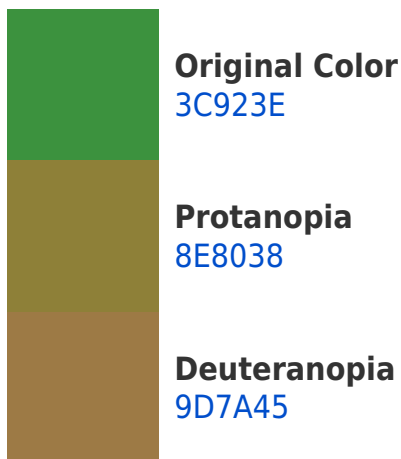


This preview shows how white text looks on a background with the Hex color 3C923E.

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





Tritanopia
518994

Trichromacy



Original Color
3C923E



Protanomaly
70873A



Deuteranomaly
7A8342



Tritanomaly
498C75

Monochromacy



Original Color
3C923E



Achromatopsia
6F6F6F



Achromatomaly
5C7C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C923E 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 #3C923E looks like.

```
.text, #text, p{  
    color:#3C923E  
}
```

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 #3C923E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C923E
}
```

Border

The CSS property to change the border of an element to Hex 3C923E 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
#3C923E }
```

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

```
.border{ border-color:#3C923E }
```

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

Here you see how a box with a 4 pixel #3C923E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C923E; -webkit-box-shadow:4px 4px  
4px 4px #3C923E; box-shadow:4px 4px 4px  
4px #3C923E }
```

Background

The CSS property to change the background color of an element to Hex 3C923E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C923E }
```

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

```
.background{ background-color:#3C923E }
```

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