

Converting Colors

Hex(33923C)

Have a look what the booklet for
Hex(33923C) contains.

Hex(33923C)	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(33923C)

Conversions

Conversions Part 1

Format	Color
Hex	33923C
RGB	51, 146, 60
RGB Percent	20%, 57%, 24%
CMY	0.8000, 0.4275, 0.7647
CMYK	0.65, 0.00, 0.59, 0.43
HSL	126°, 48%, 39%
HSV	126°, 65%, 57%
XYZ	12.4597, 21.5878, 7.7851
YIQ	107.7910, -29.0140, -46.8860

Conversions

Conversions Part 2

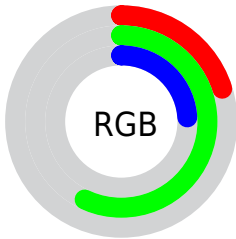
Format	Color
RYB	51, 138, 146
Decimal	3379772
CIELab	53.59, -45.95, 36.97
CIELCh	54, 58.972, 141.182
Yxy	21.5878, 0.2978, 0.5161
Android (android.graphics.Color)	4281569852 (0xFF33923C)
YUV	107.7910, -23.5610, -49.8057
Hunter-Lab	46.4627, -33.4420, 22.5895

Details

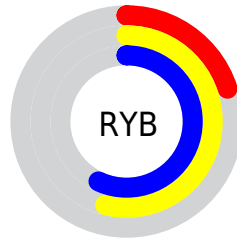
The Hex color **33923C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **923389**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6DC96E**, and **005E08** is the 20% darker color. If you saturate the color by 10%, you get **24922F**, and if you desaturate by 10%, it is **429249**.

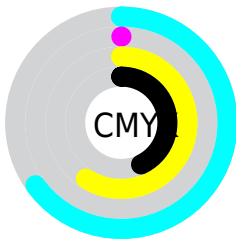
Distribution



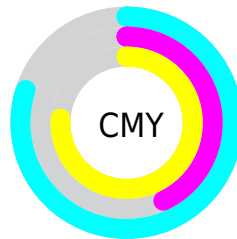
- Red (20%)
- Green (57%)
- Blue (24%)



- Red (20%)
- Yellow (54%)
- Blue (57%)



- Cyan (65%)
- Magenta (0%)
- Yellow (59%)
- Black (43%)



- Cyan (80%)
- Magenta (43%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33923C 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 33923C by changing the saturation by 10% instead.



33923C



33923C

FFFFFF



0B7824



6DC96E



005E08



89E588



004600



A5FFA3



002F00



C2FFBE



001500



DFFFDB



000000



FCFFF7



33923C



33923C



24922F



429249

■ 169222

■ 509256

■ 079214

■ 5F9264

■ 00920E

■ 6D9271

■ 7C927E

■ 8B928B

■ 999299

■ A892A6

■ B692B3

Harmonies

Analogous

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



76880F



33923C



00976F

Triad

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



33923C



008AE5



DA505E

Complementary

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



33923C



923389

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.



D44F91



33923C



6279DF

Square

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



33923C



0094CF



AE62C0



C96331

Rectangle

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



33923C



009892



AE62C0



DB4D6F

Sweetspot

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



33923C



97BD9B



8A9233



485E4A



DEDEDE



5E5E5E

Same Dimension

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



33923C



2ABD37



33926A



434A43



008A0D



000A01

Inverse Universe

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



923389



BD2AAF



92335B



4A4349



8A007D



0A0009

Previews

White Background



This preview shows how the Hex color 33923C looks on a white background.

Color Contrast Check

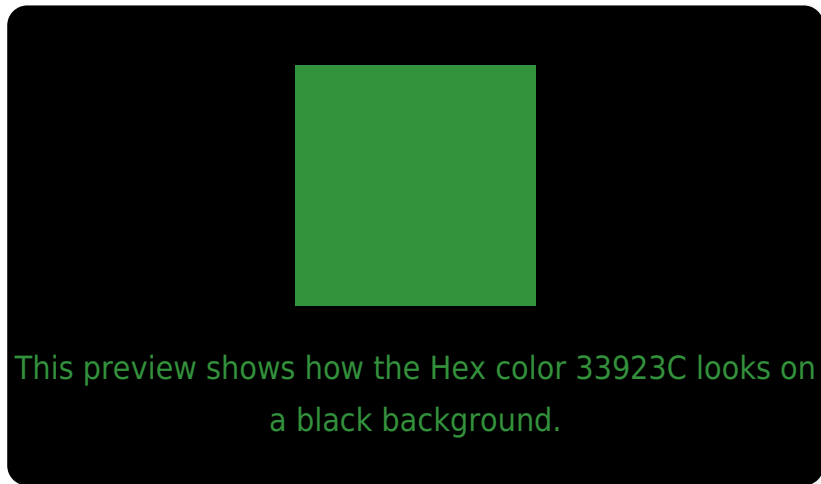
Large Text (above 18pt) WCAG AA ✓ Pass

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

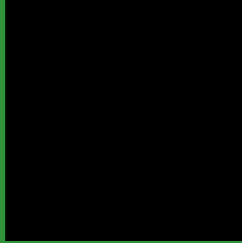
Any Text WCAG AA ✓ Pass

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 33923C Background



This preview shows how black text looks on a background with the Hex color 33923C.

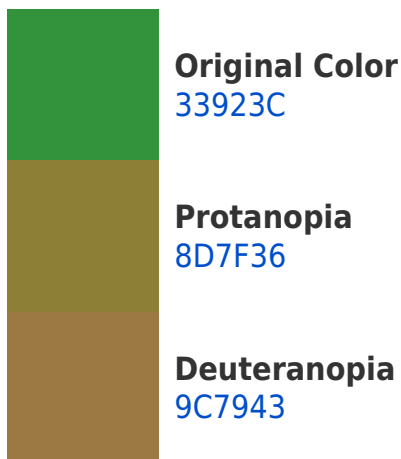


This preview shows how white text looks on a background with the Hex color 33923C.

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
4B8994

Trichromacy



Original Color
33923C

Protanomaly
6C8638

Deuteranomaly
768240

Tritanomaly
428C74

Monochromacy



Original Color
33923C

Achromatopsia
6C6C6C

Achromatomaly
577A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 33923C 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 #33923C looks like.

```
.text, #text, p{  
    color:#33923C  
}
```

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 #33923C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33923C
}
```

Border

The CSS property to change the border of an element to Hex 33923C 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
#33923C }
```

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

```
.border{ border-color:#33923C }
```

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

Here you see how a box with a 4 pixel #33923C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33923C; -webkit-box-shadow:4px 4px  
4px 4px #33923C; box-shadow:4px 4px 4px  
4px #33923C }
```

Background

The CSS property to change the background color of an element to Hex 33923C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33923C }
```

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

```
.background{ background-color:#33923C }
```

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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