

Converting Colors

Hex(33912D)

Have a look what the booklet for
Hex(33912D) contains.

Hex(33912D)	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(33912D)

Conversions

Conversions Part 1

Format	Color
Hex	33912D
RGB	51, 145, 45
RGB Percent	20%, 57%, 18%
CMY	0.8000, 0.4314, 0.8235
CMYK	0.65, 0.00, 0.69, 0.43
HSL	116°, 53%, 37%
HSV	116°, 69%, 57%
XYZ	11.9643, 21.1441, 5.9333
YIQ	105.4940, -23.9240, -51.0280

Conversions

Conversions Part 2

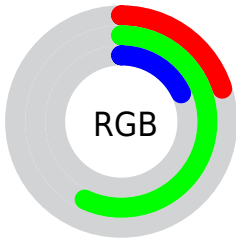
Format	Color
R_{YB}	45, 145, 139
Decimal	3379501
CIE _{Lab}	53.11, -47.29, 43.33
CIE _{LCh}	53, 64.136, 137.505
Yxy	21.1441, 0.3064, 0.5416
Android (android.graphics.Color)	4281569581 (0xFF33912D)
YUV	105.4940, -29.8235, -47.7912
Hunter-Lab	45.9827, -34.0255, 24.5375

Details

The Hex color **33912D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8B2D91**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6DC860**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **25911F**, and if you desaturate by 10%, it is **41913C**.

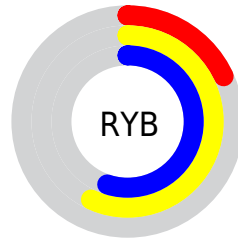
Distribution



Red (20%)

Green (57%)

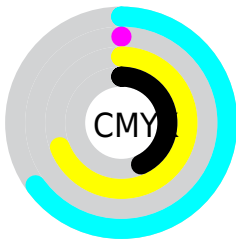
Blue (18%)



Red (18%)

Yellow (57%)

Blue (55%)

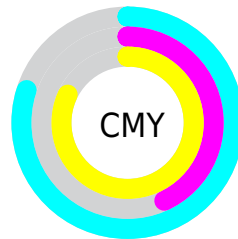


Cyan (65%)

Magenta (0%)

Yellow (69%)

Black (43%)



Cyan (80%)

Magenta (43%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33912D 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 33912D by changing the saturation by 10% instead.



33912D



33912D

FFFFFF



0A7711



6DC860



005D00



89E47A



004500



A6FF95



002E00



C2FFB0



001300



E0FFCC



000000



FDFFE9



33912D



33912D



25911F



41913C

■ 189110

■ 4E914A

■ 0A9102

■ 5C9159

■ 099100

■ 6A9167

■ 779176

■ 859184

■ 929193

■ A091A1

■ AE91B0

Harmonies

Analogous

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



7A8600



33912D



009765

Triad

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



33912D



008CEB



E04661

Complementary

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



33912D



8B2D91

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.



D64898



33912D



477AE9

Square

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



33912D



0095CF



A960CA



D05C2E

Rectangle

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



33912D



00988C



A960CA



E04373

Sweetspot

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



33912D



97BD95



918A2D



485E47



DEDEDE



5E5E5E

Same Dimension

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



33912D



29BD20



2D9158



414740



088700



000800

Inverse Universe

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



8B2D91



B320BD



912D66



474047



7F0087



070008

Previews

White Background



This preview shows how the Hex color 33912D looks on a white background.

Color Contrast Check

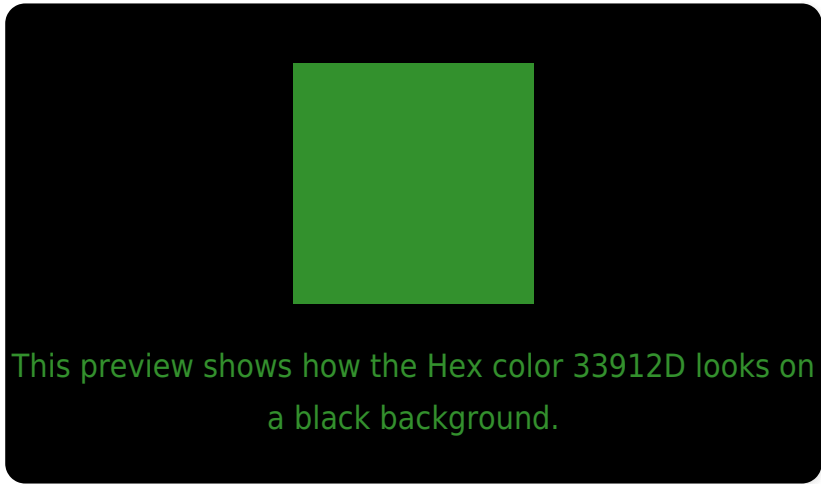
Large Text (above 18pt) WCAG AA ✓ Pass

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 33912D Background



This preview shows how black text looks on a background with the Hex color 33912D.



This preview shows how white text looks on a background with the Hex color 33912D.

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
33912D

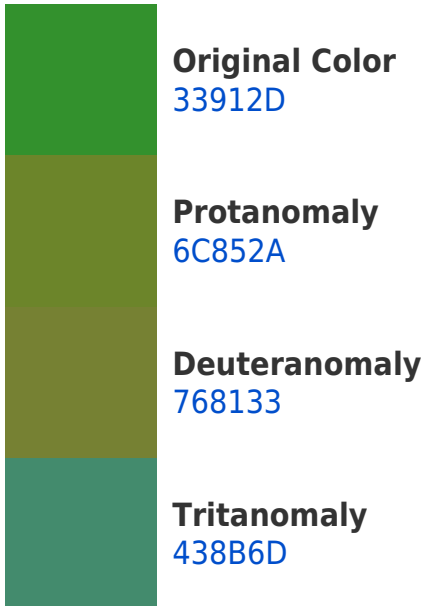
Protanopia
8D7E28

Deuteranopia
9C7836



Tritanopia
4C8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33912D 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 #33912D looks like.

```
.text, #text, p{  
    color:#33912D  
}
```

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 #33912D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33912D
}
```

Border

The CSS property to change the border of an element to Hex 33912D 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
#33912D }
```

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

```
.border{ border-color:#33912D }
```

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

Here you see how a box with a 4 pixel #33912D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33912D; -webkit-box-shadow:4px 4px  
4px 4px #33912D; box-shadow:4px 4px 4px  
4px #33912D }
```

Background

The CSS property to change the background color of an element to Hex 33912D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33912D }
```

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

```
.background{ background-color:#33912D }
```

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