

# Converting Colors

Hex(3C492F)

Have a look what the booklet for  
Hex(3C492F) contains.

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# Color

Hex(3C492F)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C492F
RGB	60, 73, 47
RGB Percent	24%, 29%, 18%
CMY	0.7647, 0.7137, 0.8157
CMYK	0.18, 0.00, 0.36, 0.71
HSL	90°, 22%, 24%
HSV	90°, 36%, 29%
XYZ	4.7591, 5.9310, 3.5833
YIQ	66.1490, 0.5980, -10.8420

# Conversions

## Conversions Part 2

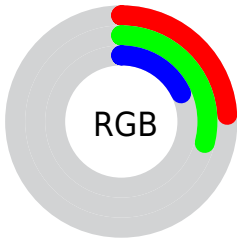
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 73, 60
Decimal	3950895
CIE <sub>Lab</sub>	29.24, -10.70, 13.90
CIE <sub>LCh</sub>	29, 17.545, 127.583
Yxy	5.9310, 0.3334, 0.4155
Android (android.graphics.Color)	4282140975 (0xFF3C492F)
YUV	66.1490, -9.4405, -5.3927
Hunter-Lab	24.3536, -7.7369, 8.3238

# Details

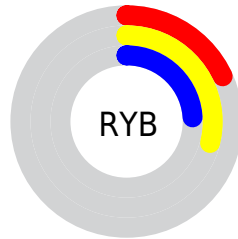
The Hex color **3C492F** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3C2F49**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6C7A5D**, and **131D00** is the 20% darker color. If you saturate the color by 10%, you get **384928**, and if you desaturate by 10%, it is **404936**.

# Distribution



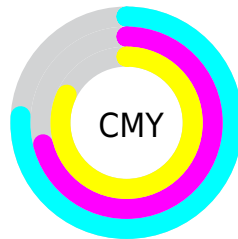
- Red (24%)
- Green (29%)
- Blue (18%)



- Red (18%)
- Yellow (29%)
- Blue (24%)



- Cyan (18%)
- Magenta (0%)
- Yellow (36%)
- Black (71%)



- Cyan (76%)
- Magenta (71%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C492F 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 3C492F by changing the saturation by 10% instead.



■ 3C492F

■ 3C492F

FFFFFF

■ 26321A

■ 6C7A5D

■ 131D00

■ 859376

■ 000000

■ 9FAE90

■ BAC9AA

■ D6E5C5

■ F3FFE1

FFFFFFE

■ 3C492F

■ 3C492F

■ 384928

■ 404936

■ 354920

■ 43493E

■ 314919

■ 474945

■ 2D4912

■ 4B494C

■ 2A490B

■ 4E4954

■ 264903

■ 52495B

■ 254900

■ 564962

■ 594969

■ 5D4971

# Harmonies

## Analogous

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



4B452A



3C492F



2C4B3A

# Triad

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



3C492F



23495E



5F3B42

# Complementary

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



3C492F



3C2F49

# 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.



593C50



3C492F



384560

# Square

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



3C492F



164C55



4B405A



5E3C35

# Rectangle

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



3C492F



214C43



4B405A



5E3B47



# Sweetspot

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



3C492F



595E54



493C2F



2D302A



B0B0B0



303030



# Same Dimension

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



3C492F



4A5E36



2F492F



222420



326300



71E300



# Inverse Universe

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



3C2F49



4A365E



492F49



222024



320063



7100E3



# Previews

## White Background



This preview shows how the Hex color 3C492F looks on a white 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

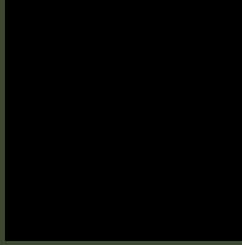
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C492F Background



This preview shows how black text looks on a background with the Hex color 3C492F.



This preview shows how white text looks on a background with the Hex color 3C492F.

# 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**  
3C492F

**Protanopia**  
4B452D

**Deuteranopia**  
524231



**Tritanopia**  
40464B

# Trichromacy



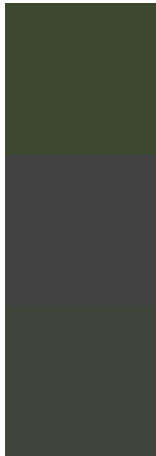
**Original Color**  
3C492F

**Protanomaly**  
46462E

**Deuteranomaly**  
4A4530

**Tritanomaly**  
3F4741

# Monochromacy



**Original Color**  
3C492F

**Achromatopsia**  
424242

**Achromatomaly**  
40453B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C492F 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 #3C492F looks like.

```
.text, #text, p{  
    color:#3C492F  
}
```

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 #3C492F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C492F
}
```

## Border

The CSS property to change the border of an element to Hex 3C492F is called "border". The border property can be set on classes, ids or directly on the HTML element.

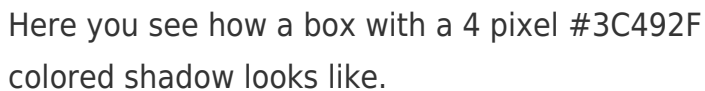
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C492F }
```

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

```
.border{ border-color:#3C492F }
```

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



Here you see how a box with a 4 pixel #3C492F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C492F; -webkit-box-shadow:4px 4px  
4px 4px #3C492F; box-shadow:4px 4px 4px  
4px #3C492F }
```

# Background

The CSS property to change the background color of an element to Hex 3C492F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C492F }
```

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

```
.background{ background-color:#3C492F }
```

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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