

# Converting Colors

Hex(3F302F)

Have a look what the booklet for  
Hex(3F302F) contains.

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# Color

**Hex(3F302F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F302F
RGB	63, 48, 47
RGB Percent	25%, 19%, 18%
CMY	0.7529, 0.8118, 0.8157
CMYK	0.00, 0.24, 0.25, 0.75
HSL	4°, 15%, 22%
HSV	4°, 25%, 25%
XYZ	3.6199, 3.3759, 3.1501
YIQ	52.3710, 9.2610, 2.8690

# Conversions

## Conversions Part 2

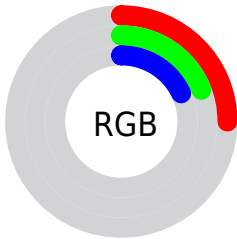
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">63, 48, 47</a>
Decimal	<a href="#">4141103</a>
CIELab	<a href="#">21.49, 6.63, 3.24</a>
CIELCh	<a href="#">21, 7.378, 26.057</a>
Yxy	<a href="#">3.3759, 0.3568, 0.3327</a>
Android (android.graphics.Color)	<a href="#">4282331183 (0xFF3F302F)</a>
YUV	<a href="#">52.3710, -2.6479, 9.3216</a>
Hunter-Lab	<a href="#">18.3736, 3.0139, 2.6963</a>

# Details

The Hex color **3F302F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F3E3F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6F5E5D**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **3F2A29**, and if you desaturate by 10%, it is **3F3635**.

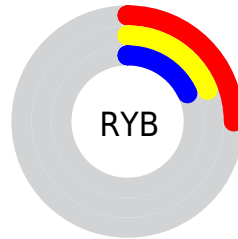
# Distribution



Red (25%)

Green (19%)

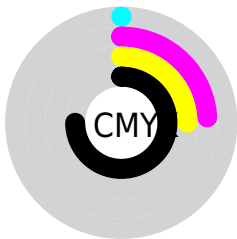
Blue (18%)



Red (25%)

Yellow (19%)

Blue (18%)

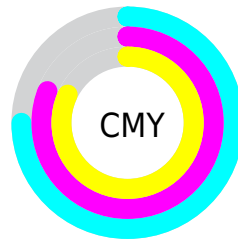


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (75%)



Cyan (75%)

Magenta (81%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F302F 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 3F302F by changing the saturation by 10% instead.





3F302F



3F302F

FFFFFF



291B1A



6F5E5D



160000



887775



000000



A3908F



BEABA9



DAC6C5



F6E2E1

FFFFFFD



3F302F



3F302F

■ 3F2A29

■ 3F3635

■ 3F2422

■ 3F3C3C

■ 3F1E1C

■ 3F4242

■ 3F1816

■ 3F4848

■ 3F1210

■ 3F4E4F

■ 3F0D09

■ 3F5355

■ 3F0703

■ 3F595B

■ 3F0400

■ 3F5F61

■ 3F6568

# Harmonies

## Analogous

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



3E3034



3F302F



3D312B

# Triad

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



3F302F



2C362D



2D343E

# Complementary

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



3F302F



2F3E3F

# 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.



27363C



3F302F



273733

# Square

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



3F302F



33352A



253738



34323D

# Rectangle

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



3F302F



3A3229



253738



2A353E



# Sweetspot

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



3F302F



524B4B



3F2F3E



292525



A8A8A8



292929



# Same Dimension

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



3F302F



523B39



3F382F



1F1C1C



5E0600



DE0E00



# Inverse Universe

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



2F3E3F



395052



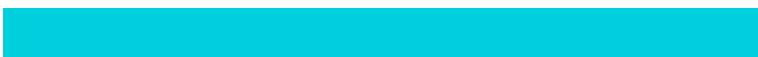
2F363F



1C1E1F



00585E



00D0DE



# Previews

## White Background



This preview shows how the Hex color 3F302F 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

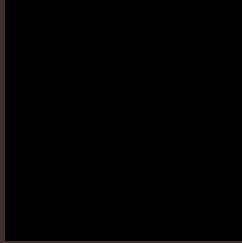
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F302F Background



This preview shows how black text looks on a background with the Hex color 3F302F.

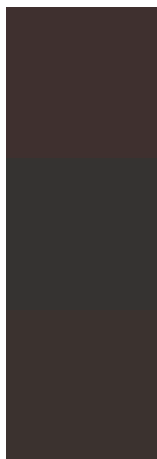


This preview shows how white text looks on a background with the Hex color 3F302F.

# 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**  
3F302F

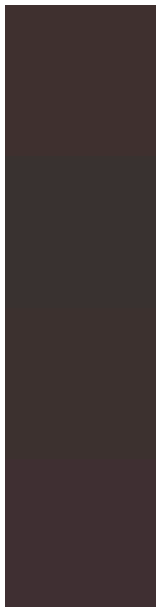
**Protanopia**  
353331

**Deuteranopia**  
3B322F



**Tritanopia**  
3F2F33

# Trichromacy



**Original Color**

3F302F

**Protanomaly**

393230

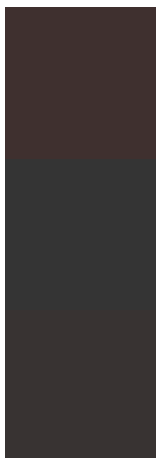
**Deuteranomaly**

3C312F

**Tritanomaly**

3F2F32

# Monochromacy



**Original Color**

3F302F

**Achromatopsia**

343434

**Achromatomaly**

383332

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F302F 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 #3F302F looks like.

```
.text, #text, p{  
    color:#3F302F  
}
```

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 #3F302F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F302F
}
```

## Border

The CSS property to change the border of an element to Hex 3F302F 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".

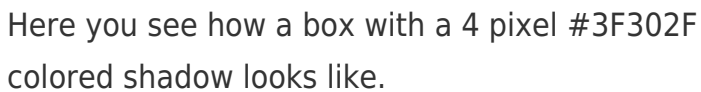
```
.border, #border, table{ border:4px solid
#3F302F }
```

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

```
.border{ border-color:#3F302F }
```

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

Here you see how a box with a 4 pixel #3F302F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F302F; -webkit-box-shadow:4px 4px  
4px 4px #3F302F; box-shadow:4px 4px 4px  
4px #3F302F }
```

# Background

The CSS property to change the background color of an element to Hex 3F302F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F302F }
```

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

```
.background{ background-color:#3F302F }
```

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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