

# Converting Colors

Hex(3D392B)

Have a look what the booklet for  
Hex(3D392B) contains.

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# Color

**Hex(3D392B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D392B
RGB	61, 57, 43
RGB Percent	24%, 22%, 17%
CMY	0.7608, 0.7765, 0.8314
CMYK	0.00, 0.07, 0.30, 0.76
HSL	47°, 17%, 20%
HSV	47°, 30%, 24%
XYZ	3.8236, 4.0928, 2.8740
YIQ	56.6000, 6.8780, -3.5060

# Conversions

## Conversions Part 2

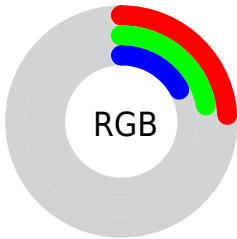
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 61, 43
Decimal	4012331
CIELab	23.98, -0.99, 9.38
CIElCh	24, 9.427, 96.005
Yxy	4.0928, 0.3544, 0.3793
Android (android.graphics.Color)	4282202411 (0xFF3D392B)
YUV	56.6000, -6.7048, 3.8588
Hunter-Lab	20.2306, -1.6666, 5.7387

# Details

The Hex color **3D392B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2F3D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6D6858**, and **120E00** is the 20% darker color. If you saturate the color by 10%, you get **3D3825**, and if you desaturate by 10%, it is **3D3A31**.

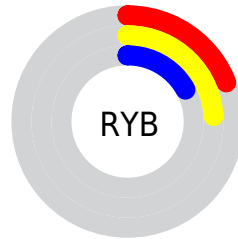
# Distribution



Red (24%)

Green (22%)

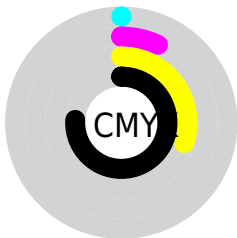
Blue (17%)



Red (19%)

Yellow (24%)

Blue (17%)

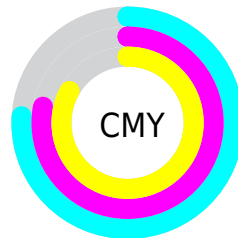


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (76%)



Cyan (76%)

Magenta (78%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D392B 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 3D392B by changing the saturation by 10% instead.





3D392B



3D392B

FFFFFF



272416



6D6858



120E00



868171



000000



A09B8A



BBB6A5



D7D1C0



F4EEDC



FFFFFF8



3D392B



3D392B

■ 3D3825

■ 3D3A31

■ 3D361F

■ 3D3C37

■ 3D3519

■ 3D3D3D

■ 3D3413

■ 3D3E43

■ 3D320D

■ 3D404A

■ 3D3106

■ 3D4150

■ 3D3000

■ 3D4256

■ 3D2F00

■ 3D445C

■ 3D4562

# Harmonies

## Analogous

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



43372C



3D392B



353B2D

# Triad

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



3D392B



263D41



43353F

# Complementary

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



3D392B



2B2F3D

# 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.



3C3744



3D392B



2A3B46

# Square

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



3D392B



273D3A



333947



473438

# Rectangle

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



3D392B



303C31



333947



413541



# Sweetspot

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



3D392B



4F4D48



3D2B2F



292824



A8A8A8



292929



# Same Dimension

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



3D392B



4F4933



383D2B



1F1E1C



5E4900



DEAD00



# Inverse Universe

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



2B2F3D



333A4F



302B3D



1C1C1F



00155E

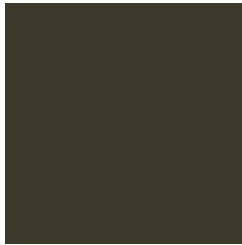


0031DE



# Previews

## White Background



This preview shows how the Hex color 3D392B looks on a white background.

## Color Contrast Check

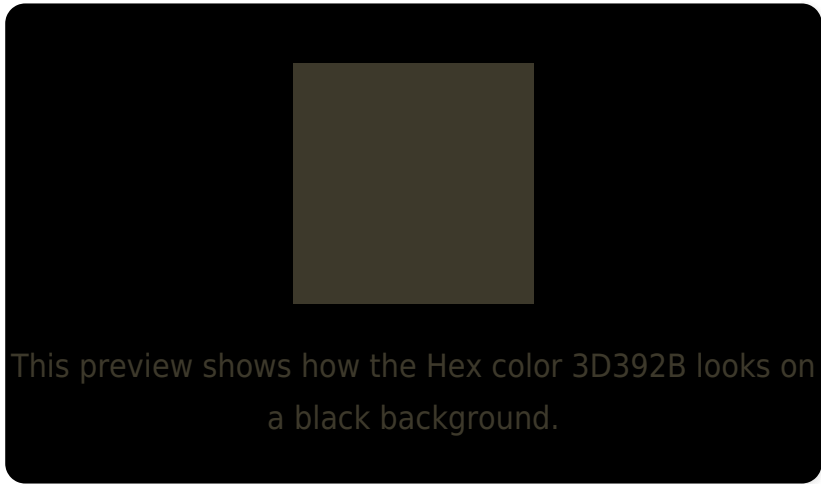
Large Text (above 18pt) WCAG AA ✓ Pass

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

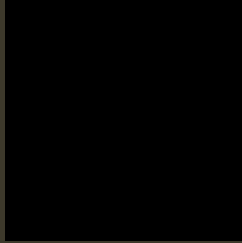
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

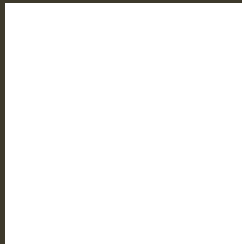
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D392B Background



This preview shows how black text looks on a background with the Hex color 3D392B.

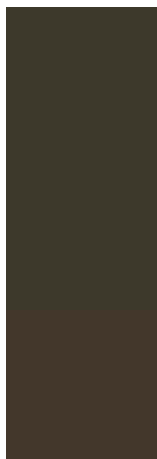


This preview shows how white text looks on a background with the Hex color 3D392B.

# 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**  
3D392B

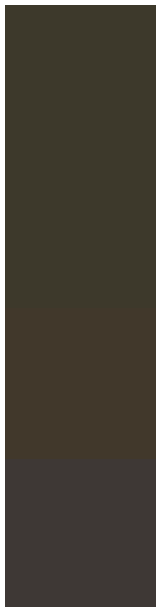
**Protanopia**  
3D392B

**Deuteranopia**  
43372B



**Tritanopia**  
3F373B

# Trichromacy



**Original Color**

3D392B

**Protanomaly**

3D392B

**Deuteranomaly**

41382B

**Tritanomaly**

3E3835

# Monochromacy



**Original Color**

3D392B

**Achromatopsia**

393939

**Achromatomaly**

3A3934

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D392B 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 #3D392B looks like.

```
.text, #text, p{  
    color:#3D392B  
}
```

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 #3D392B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D392B
}
```

## Border

The CSS property to change the border of an element to Hex 3D392B is called "border". The border property can be set on classes, ids or directly on the HTML element.

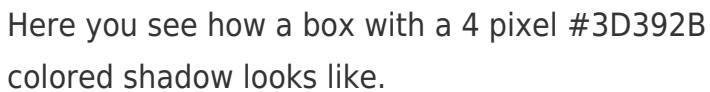
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D392B }
```

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

```
.border{ border-color:#3D392B }
```

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



Here you see how a box with a 4 pixel #3D392B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D392B; -webkit-box-shadow:4px 4px  
4px 4px #3D392B; box-shadow:4px 4px 4px  
4px #3D392B }
```

# Background

The CSS property to change the background color of an element to Hex 3D392B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D392B }
```

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

```
.background{ background-color:#3D392B }
```

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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