

# Converting Colors

Hex(392A3B)

Have a look what the booklet for  
Hex(392A3B) contains.

<b>Hex(392A3B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(392A3B)

# Conversions

## Conversions Part 1

Format	Color
Hex	392A3B
RGB	57, 42, 59
RGB Percent	22%, 16%, 23%
CMY	0.7765, 0.8353, 0.7686
CMYK	0.03, 0.29, 0.00, 0.77
HSL	293°, 17%, 20%
HSV	293°, 29%, 23%
XYZ	3.3047, 2.8416, 4.5120
YIQ	48.4230, 3.4830, 8.4670

# Conversions

## Conversions Part 2

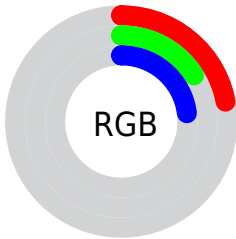
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 42, 59
Decimal	3746363
CIELab	19.40, 10.62, -8.18
CIElCh	19, 13.402, 322.390
Yxy	2.8416, 0.3101, 0.2666
Android (android.graphics.Color)	4281936443 (0xFF392A3B)
YUV	48.4230, 5.2145, 7.5220
Hunter-Lab	16.8569, 5.4946, -4.0699

# Details

The Hex color **392A3B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C3B2A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **68576A**, and **0D0010** is the 20% darker color. If you saturate the color by 10%, you get **38243B**, and if you desaturate by 10%, it is **3A303B**.

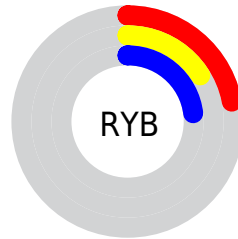
# Distribution



Red (22%)

Green (16%)

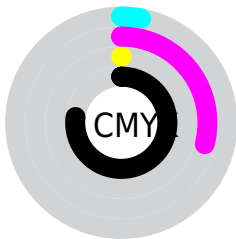
Blue (23%)



Red (22%)

Yellow (16%)

Blue (23%)

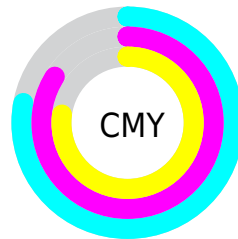


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (77%)



Cyan (78%)

Magenta (84%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 392A3B 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 392A3B by changing the saturation by 10% instead.





392A3B



392A3B

FFFFFF



231525



68576A



0D0010



817083



000000



9C899D



B6A4B8



D2BFD4



EEDBF0



FFF7FF



392A3B



392A3B

■ 38243B

■ 3A303B

■ 381E3B

■ 3A363B

■ 37183B

■ 3B3C3B

■ 36123B

■ 3C423B

■ 360C3B

■ 3C473B

■ 35073B

■ 3D4D3B

■ 34013B

■ 3E533B

■ 34003B

■ 3F593B

■ 3F5F3B

# Harmonies

## Analogous

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



2D2D41



392A3B



402832

# Triad

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



392A3B



382E1C



0E3436

# Complementary

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



392A3B



2C3B2A

# 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.



17342C



392A3B



2E311D

# Square

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



392A3B



3F2A20



233323



11333E

# Rectangle

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



392A3B



42282B



233323



113433



# Sweetspot

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



392A3B



4C464D



2A2C3B



262226



A6A6A6



262626



# Same Dimension

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



392A3B



49324D



3B2A35



1E1C1F



53005E



C400DE



# Inverse Universe

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



3B2A2C



4D3235



2A3B30



1F1C1C



5E000B



DE001A



# Previews

## White Background



This preview shows how the Hex color 392A3B looks on a white background.

## Color Contrast Check

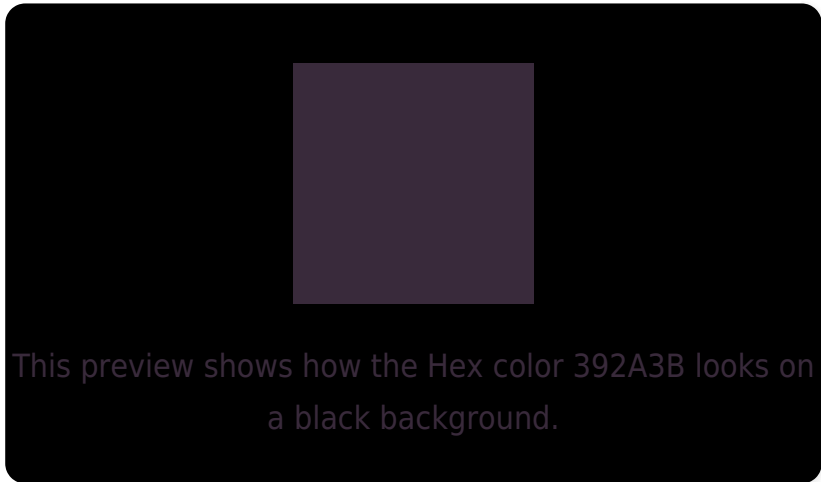
Large Text (above 18pt) WCAG AA ✓ Pass

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

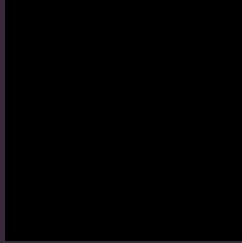
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 392A3B Background



This preview shows how black text looks on a background with the Hex color 392A3B.



This preview shows how white text looks on a background with the Hex color 392A3B.

# 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**  
392A3B

**Protanopia**  
2B2F3E

**Deuteranopia**  
2E2E3A



**Tritanopia**  
372C30

# Trichromacy



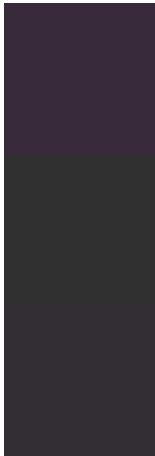
**Original Color**  
392A3B

**Protanomaly**  
302D3D

**Deuteranomaly**  
322D3A

**Tritanomaly**  
382B34

# Monochromacy



**Original Color**  
392A3B

**Achromatopsia**  
303030

**Achromatomaly**  
332E34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 392A3B 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 #392A3B looks like.

```
.text, #text, p{  
    color:#392A3B  
}
```

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 #392A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #392A3B
}
```

## Border

The CSS property to change the border of an element to Hex 392A3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

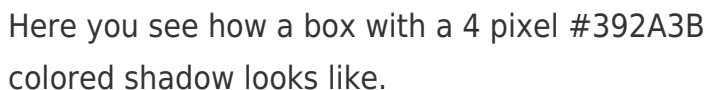
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#392A3B }
```

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

```
.border{ border-color:#392A3B }
```

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



Here you see how a box with a 4 pixel #392A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #392A3B; -webkit-box-shadow:4px 4px  
4px 4px #392A3B; box-shadow:4px 4px 4px  
4px #392A3B }
```

# Background

The CSS property to change the background color of an element to Hex 392A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#392A3B }
```

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

```
.background{ background-color:#392A3B }
```

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