

# Converting Colors

Hex(393C23)

Have a look what the booklet for  
Hex(393C23) contains.

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# Color

Hex(393C23)

# Conversions

## Conversions Part 1

Format	Color
Hex	393C23
RGB	57, 60, 35
RGB Percent	22%, 24%, 14%
CMY	0.7765, 0.7647, 0.8627
CMYK	0.05, 0.00, 0.42, 0.76
HSL	67°, 26%, 19%
HSV	67°, 42%, 24%
XYZ	3.6066, 4.2229, 2.2151
YIQ	56.2530, 6.2370, -8.4110

# Conversions

## Conversions Part 2

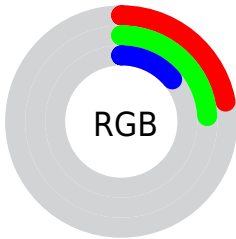
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 60, 38
Decimal	3750947
CIE Lab	24.40, -6.10, 15.05
CIE LCh	24, 16.238, 112.062
Yxy	4.2229, 0.3591, 0.4204
Android (android.graphics.Color)	4281941027 (0xFF393C23)
YUV	56.2530, -10.4777, 0.6551
Hunter-Lab	20.5498, -4.6345, 7.9938

# Details

The Hex color **393C23** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26233C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **696B50**, and **091200** is the 20% darker color. If you saturate the color by 10%, you get **383C1D**, and if you desaturate by 10%, it is **3A3C29**.

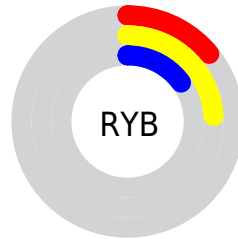
# Distribution



Red (22%)

Green (24%)

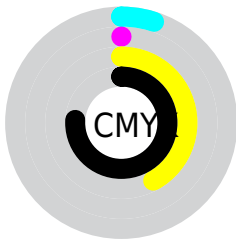
Blue (14%)



Red (14%)

Yellow (24%)

Blue (15%)

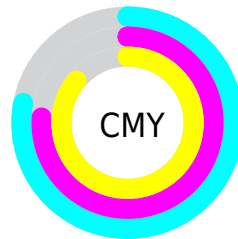


Cyan (5%)

Magenta (0%)

Yellow (42%)

Black (76%)



Cyan (78%)

Magenta (76%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 393C23 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 393C23 by changing the saturation by 10% instead.





393C23



393C23

FFFFFF



23260E



696B50



091200



828468



000000



9C9F81



B7B99B



D3D5B6



EFF1D2



FFFEE



393C23



393C23

■ 383C1D

■ 3A3C29

■ 383C17

■ 3A3C2F

■ 373C11

■ 3B3C35

■ 363C0B

■ 3C3C3B

■ 353C05

■ 3D3C41

■ 353C00

■ 3D3C47

■ 3E3C4D

■ 3F3C53

■ 3F3C59

# Harmonies

## Analogous

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



453822



393C23



2B3F2B

# Triad

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



393C23



123F4D



50313E

# Complementary

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



393C23



26233C

# 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.



463449



393C23



243C52

# Square

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



393C23



0F4043



373851



523131

# Rectangle

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



393C23



214032



373851



4D3242



# Sweetspot

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



393C23



4E4F45



3C2623



282922



A8A8A8



292929



# Same Dimension

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



393C23



4A4F28



2D3C23



1E1F1C



535E00



C3DE00



# Inverse Universe

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



26233C



2C284F



32233C



1C1C1F



0B005E



1B00DE



# Previews

## White Background



This preview shows how the Hex color 393C23 looks on a white background.

## Color Contrast Check

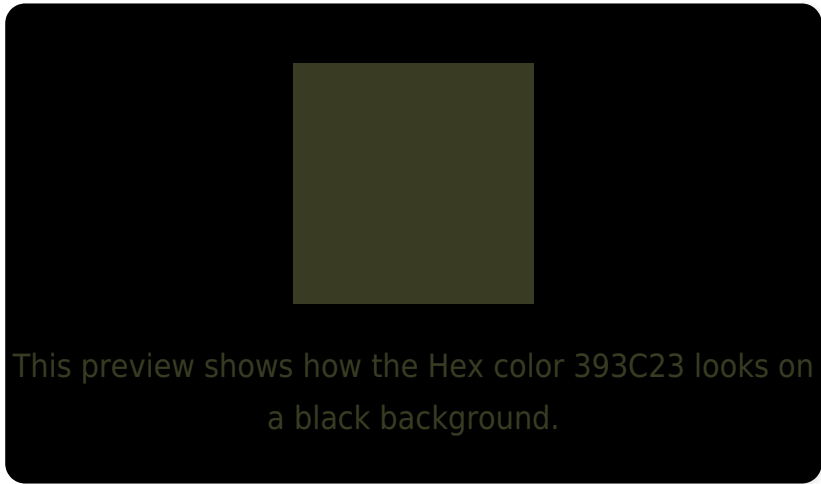
Large Text (above 18pt) WCAG AA ✓ Pass

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

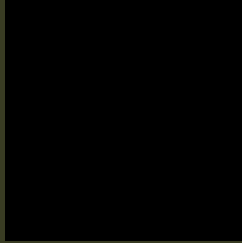
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

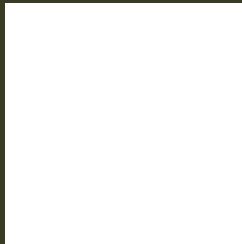
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 393C23 Background



This preview shows how black text looks on a background with the Hex color 393C23.

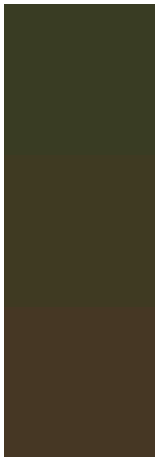


This preview shows how white text looks on a background with the Hex color 393C23.

# 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**  
393C23

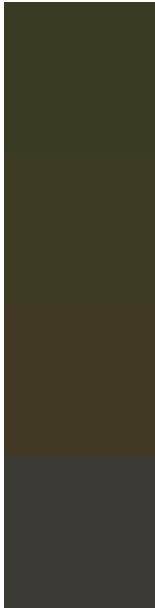
**Protanopia**  
3F3A22

**Deuteranopia**  
463724



**Tritanopia**  
3C393D

# Trichromacy



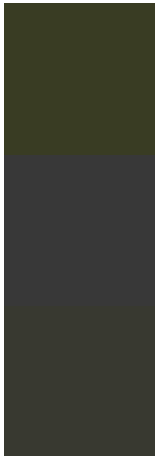
**Original Color**  
393C23

**Protanomaly**  
3D3B22

**Deuteranomaly**  
413924

**Tritanomaly**  
3B3A34

# Monochromacy



**Original Color**  
393C23

**Achromatopsia**  
383838

**Achromatomaly**  
383930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 393C23 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 #393C23 looks like.

```
.text, #text, p{  
    color:#393C23  
}
```

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 #393C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393C23
}
```

## Border

The CSS property to change the border of an element to Hex 393C23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

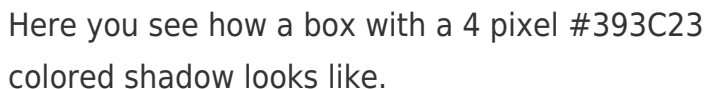
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#393C23 }
```

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

```
.border{ border-color:#393C23 }
```

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



Here you see how a box with a 4 pixel #393C23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393C23; -webkit-box-shadow:4px 4px  
4px 4px #393C23; box-shadow:4px 4px 4px  
4px #393C23 }
```

# Background

The CSS property to change the background color of an element to Hex 393C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393C23 }
```

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

```
.background{ background-color:#393C23 }
```

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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