

Converting Colors

Hex(40393B)

Have a look what the booklet for
Hex(40393B) contains.

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Color

Hex(40393B)

Conversions

Conversions Part 1

Format	Color
Hex	40393B
RGB	64, 57, 59
RGB Percent	25%, 22%, 23%
CMY	0.7490, 0.7765, 0.7686
CMYK	0.00, 0.11, 0.08, 0.75
HSL	343°, 6%, 24%
HSV	343°, 11%, 25%
XYZ	4.3669, 4.3320, 4.7437
YIQ	59.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

Format	Color
RYB	64, 57, 59
Decimal	4208955
CIELab	24.74, 3.48, -0.13
CIElCh	25, 3.479, 357.809
Yxy	4.3320, 0.3249, 0.3223
Android (android.graphics.Color)	4282399035 (0xFF40393B)
YUV	59.3210, -0.1583, 4.1035
Hunter-Lab	20.8135, 1.0277, 1.0564

Details

The Hex color **40393B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39403E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **70686A**, and **160E11** is the 20% darker color. If you saturate the color by 10%, you get **403336**, and if you desaturate by 10%, it is **403F40**.

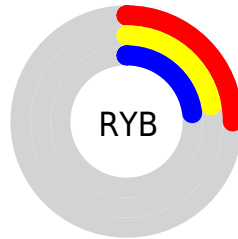
Distribution



 Red (25%)

 Green (22%)

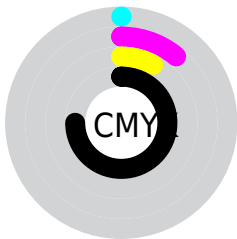
 Blue (23%)



 Red (25%)

 Yellow (22%)

 Blue (23%)

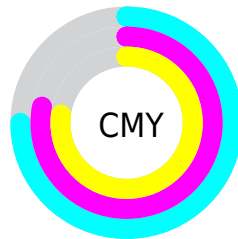


 Cyan (0%)

 Magenta (11%)

 Yellow (8%)

 Black (75%)



 Cyan (75%)

 Magenta (78%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40393B 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 40393B by changing the saturation by 10% instead.



40393B



40393B

FFFFFF



2A2425



70686A



160E11



898183



000000



A39B9D



BEB6B8



DAD1D4



F7EEF0



40393B



40393B



403336



403F40

■ 402C32

■ 404644

■ 40262D

■ 404C49

■ 401F29

■ 40534D

■ 401924

■ 405952

■ 401320

■ 405F56

■ 400C1B

■ 40665B

■ 400616

■ 406C60

■ 400012

■ 407364

Harmonies

Analogous

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



3E393E



40393B



403938

Triad

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



40393B



3A3B36



353C3F

Complementary

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



40393B



39403E

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.



343C3D



40393B



373C38

Square

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



40393B



3D3A36



353C3A



383B40

Rectangle

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



40393B



403937



353C3A



353C3E

Sweetspot

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



40393B



545252



3E3940



2B2A2A



ABABAB



2B2B2B

Same Dimension

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



40393B



54494C



403A39



211E1F



61001C



E00040

Inverse Universe

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



40393B



54494C



393F40



211E1F



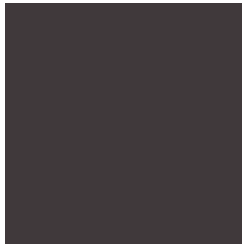
61001C



E00040

Previews

White Background



This preview shows how the Hex color 40393B looks on a white background.

Color Contrast Check

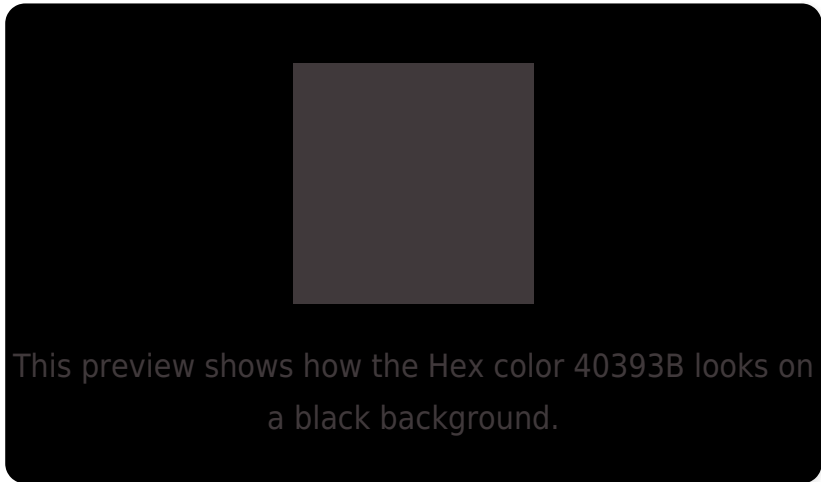
Large Text (above 18pt) WCAG AA ✓ Pass

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

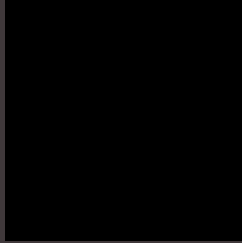
Any Text WCAG AA × Fail

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 40393B Background



This preview shows how black text looks on a background with the Hex color 40393B.

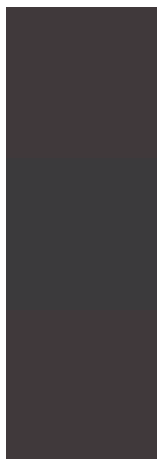


This preview shows how white text looks on a background with the Hex color 40393B.

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](#).

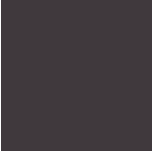
Dichromacy



Original Color
40393B

Protanopia
3B3A3C

Deuteranopia
40393B



Tritanopia
40393D

Trichromacy



Original Color

40393B

Protanomaly

3D3A3C

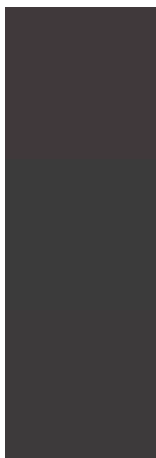
Deuteranomaly

40393B

Tritanomaly

40393C

Monochromacy



Original Color

40393B

Achromatopsia

3B3B3B

Achromatomaly

3D3A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 40393B 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 #40393B looks like.

```
.text, #text, p{  
    color:#40393B  
}
```

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 #40393B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40393B
}
```

Border

The CSS property to change the border of an element to Hex 40393B is called "border". The border property can be set on classes, ids or directly on the HTML element.

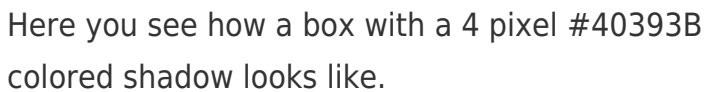
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40393B }
```

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

```
.border{ border-color:#40393B }
```

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



Here you see how a box with a 4 pixel #40393B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40393B; -webkit-box-shadow:4px 4px  
4px 4px #40393B; box-shadow:4px 4px 4px  
4px #40393B }
```

Background

The CSS property to change the background color of an element to Hex 40393B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40393B }
```

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

```
.background{ background-color:#40393B }
```

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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