

Converting Colors

Hex(38393B)

Have a look what the booklet for
Hex(38393B) contains.

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Color

Hex(38393B)

Conversions

Conversions Part 1

Format	Color
Hex	38393B
RGB	56, 57, 59
RGB Percent	22%, 22%, 23%
CMY	0.7804, 0.7765, 0.7686
CMYK	0.05, 0.03, 0.00, 0.77
HSL	220°, 3%, 23%
HSV	220°, 5%, 23%
XYZ	3.8834, 4.0828, 4.7210
YIQ	56.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

Format	Color
R _Y B	56, 57, 59
Decimal	3684667
CIE Lab	23.94, 0.04, -1.39
CIE LCh	24, 1.395, 271.747
Yxy	4.0828, 0.3061, 0.3218
Android (android.graphics.Color)	4281874747 (0xFF38393B)
YUV	56.9290, 1.0210, -0.8147
Hunter-Lab	20.2059, -1.0538, 0.2912

Details

The Hex color **38393B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3A38**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **67686A**, and **0D0E11** is the 20% darker color. If you saturate the color by 10%, you get **32353B**, and if you desaturate by 10%, it is **3E3D3B**.

Distribution



 Red (22%)

 Green (22%)

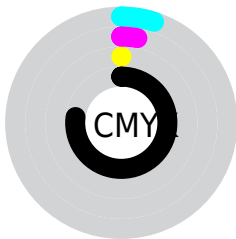
 Blue (23%)



 Red (22%)

 Yellow (22%)

 Blue (23%)



 Cyan (5%)

 Magenta (3%)

 Yellow (0%)

 Black (77%)



 Cyan (78%)

 Magenta (78%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38393B 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 38393B by changing the saturation by 10% instead.



38393B



38393B

FFFFFF



232425



67686A



0D0E11



808183



000000



9A9B9D



B5B6B8



D0D1D4



ECEEF0



38393B



38393B



32353B



3E3D3B

■ 2C313B

■ 44413B

■ 262D3B

■ 4A453B

■ 20293B

■ 50493B

■ 1A253B

■ 564D3B

■ 15213B

■ 5B513B

■ 0F1D3B

■ 61553B

■ 091A3B

■ 67583B

■ 03163B

■ 6D5C3B

Harmonies

Analogous

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



37393B



38393B



39393B

Triad

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



38393B



3B3838



373938

Complementary

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



38393B



3B3A38

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.



393937



38393B



3B3937

Square

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



38393B



3B3839



3A3937



373A39

Rectangle

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



38393B



3A383A



3A3937



383938

Sweetspot

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



38393B



4B4B4D



383B3A



252626



A6A6A6



262626

Same Dimension

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



38393B



48494D



38383B



1C1D1F



001F5E



004ADE

Inverse Universe

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



3B3839



4D4849



3B3B38



1F1C1D



5E001F



DE004A

Previews

White Background



This preview shows how the Hex color 38393B looks on a white background.

Color Contrast Check

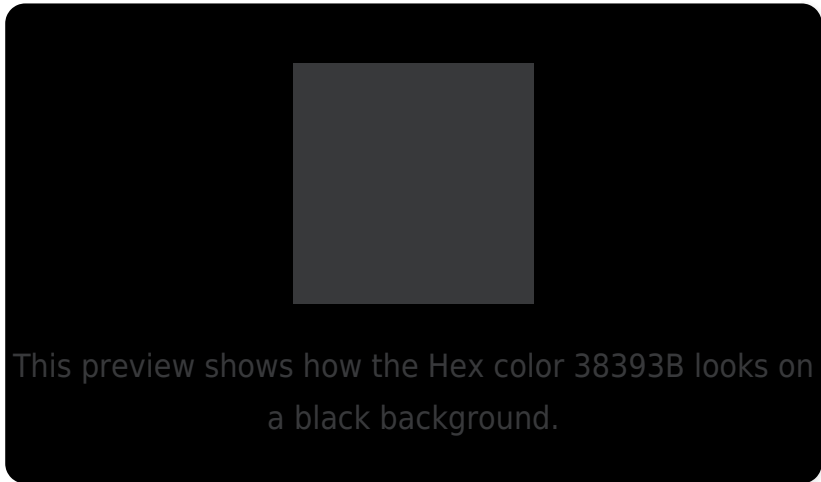
Large Text (above 18pt) WCAG AA ✓ Pass

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

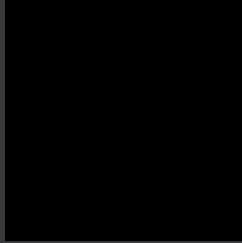
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

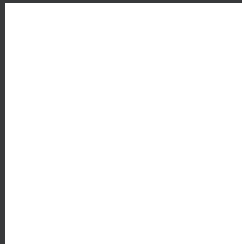
Any Text WCAG AAA × Fail

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

Hex 38393B Background



This preview shows how black text looks on a background with the Hex color 38393B.

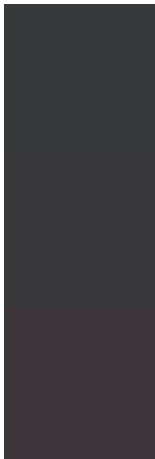


This preview shows how white text looks on a background with the Hex color 38393B.

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](#).

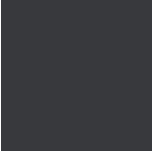
Dichromacy



Original Color
38393B

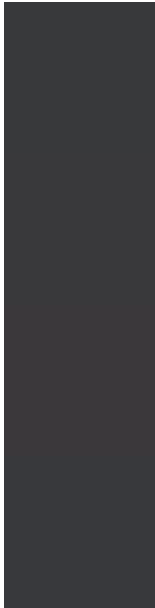
Protanopia
39393B

Deuteranopia
3D373B



Tritanopia
38393D

Trichromacy



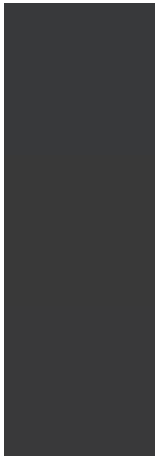
Original Color
38393B

Protanomaly
39393B

Deuteranomaly
3B383B

Tritanomaly
38393C

Monochromacy



Original Color
38393B

Achromatopsia
393939

Achromatomaly
39393A

CSS Examples

Text

The CSS property to change the color of the text to Hex 38393B 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 #38393B looks like.

```
.text, #text, p{  
    color:#38393B  
}
```

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 #38393B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38393B  
}
```

Border

The CSS property to change the border of an element to Hex 38393B is called "border". The border property can be set on classes, ids or directly on the HTML element.

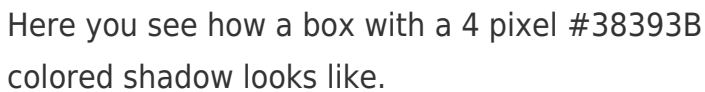
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#38393B }
```

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

```
.border{ border-color:#38393B }
```

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



Here you see how a box with a 4 pixel #38393B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38393B; -webkit-box-shadow:4px 4px  
4px 4px #38393B; box-shadow:4px 4px 4px  
4px #38393B }
```

Background

The CSS property to change the background color of an element to Hex 38393B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38393B }
```

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

```
.background{ background-color:#38393B }
```

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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