

# Converting Colors

Hex(38293B)

Have a look what the booklet for  
Hex(38293B) contains.

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# Color

**Hex(38293B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	38293B
RGB	56, 41, 59
RGB Percent	22%, 16%, 23%
CMY	0.7804, 0.8392, 0.7686
CMYK	0.05, 0.31, 0.00, 0.77
HSL	290°, 18%, 20%
HSV	290°, 31%, 23%
XYZ	3.2132, 2.7424, 4.4977
YIQ	47.5370, 3.1620, 8.7780

# Conversions

## Conversions Part 2

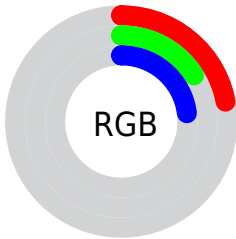
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 41, 59
Decimal	3680571
CIE Lab	18.98, 10.89, -8.82
CIE LCh	19, 14.018, 320.989
Yxy	2.7424, 0.3074, 0.2623
Android (android.graphics.Color)	4281870651 (0xFF38293B)
YUV	47.5370, 5.6513, 7.4221
Hunter-Lab	16.5602, 5.6548, -4.5107

# Details

The Hex color **38293B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C3B29**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **67566A**, and **090010** is the 20% darker color. If you saturate the color by 10%, you get **37233B**, and if you desaturate by 10%, it is **392F3B**.

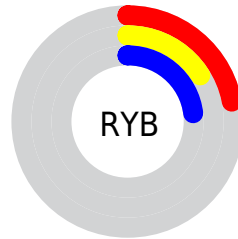
# Distribution



Red (22%)

Green (16%)

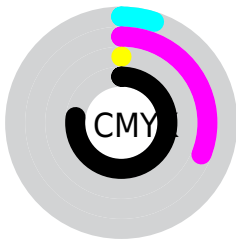
Blue (23%)



Red (22%)

Yellow (16%)

Blue (23%)

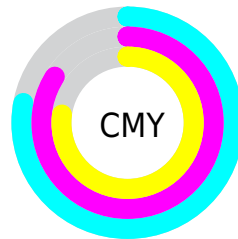


Cyan (5%)

Magenta (31%)

Yellow (0%)

Black (77%)



Cyan (78%)

Magenta (84%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38293B 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 38293B by changing the saturation by 10% instead.





38293B



38293B

FFFFFF



221425



67566A



090010



806F83



000000



9A889E



B5A2B8



D1BDD4



EDD9F0



FFF6FF



38293B



38293B

■ 37233B

■ 392F3B

■ 361D3B

■ 3A353B

■ 35173B

■ 3B3B3B

■ 34113B

■ 3C413B

■ 330C3B

■ 3D463B

■ 32063B

■ 3E4C3B

■ 31003B

■ 3F523B

■ 40583B

■ 415E3B

# Harmonies

## Analogous

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



2B2D41



38293B



402732

# Triad

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



38293B



382C1A



0B3435

# Complementary

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



38293B



2C3B29

# 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.



16332B



38293B



2E301B

# Square

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



38293B



3F291F



223221



0C323E

# Rectangle

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



38293B



42262B



223221



0E3432



# Sweetspot

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



38293B



4B464D



292C3B



262226



A6A6A6



262626



# Same Dimension

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



38293B



48304D



3B2935



1E1C1F



4F005E



B900DE



# Inverse Universe

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



3B292C



4D3035



293B2F



1F1C1C



5E0010



DE0025



# Previews

## White Background



This preview shows how the Hex color 38293B looks on a white background.

## Color Contrast Check

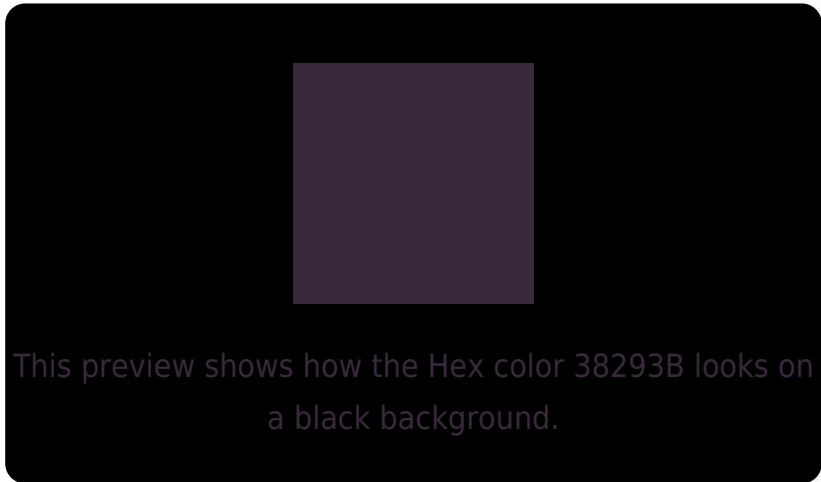
Large Text (above 18pt) WCAG AA ✓ Pass

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

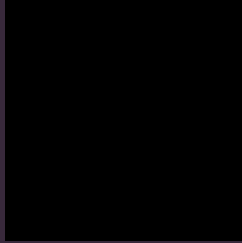
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38293B Background



This preview shows how black text looks on a background with the Hex color 38293B.



This preview shows how white text looks on a background with the Hex color 38293B.

# 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**  
38293B

**Protanopia**  
2A2E3E

**Deuteranopia**  
2D2D3A



**Tritanopia**  
362B2F

# Trichromacy



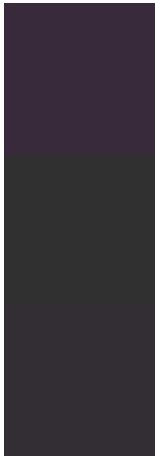
**Original Color**  
38293B

**Protanomaly**  
2F2C3D

**Deuteranomaly**  
312C3A

**Tritanomaly**  
372A33

# Monochromacy



**Original Color**  
38293B

**Achromatopsia**  
303030

**Achromatomaly**  
332D34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38293B 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 #38293B looks like.

```
.text, #text, p{  
    color:#38293B  
}
```

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 #38293B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38293B
}
```

## Border

The CSS property to change the border of an element to Hex 38293B is called "border". The border property can be set on classes, ids or directly on the HTML element.

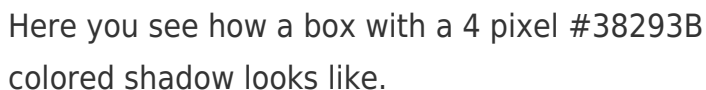
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38293B }
```

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

```
.border{ border-color:#38293B }
```

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



Here you see how a box with a 4 pixel #38293B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38293B; -webkit-box-shadow:4px 4px  
4px 4px #38293B; box-shadow:4px 4px 4px  
4px #38293B }
```

# Background

The CSS property to change the background color of an element to Hex 38293B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38293B }
```

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

```
.background{ background-color:#38293B }
```

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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