

# Converting Colors

Hex(38282B)

Have a look what the booklet for  
Hex(38282B) contains.

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# Color

**Hex(38282B)**

# Conversions

## Conversions Part 1

| Format      | Color                   |
|-------------|-------------------------|
| Hex         | 38282B                  |
| RGB         | 56, 40, 43              |
| RGB Percent | 22%, 16%, 17%           |
| CMY         | 0.7804, 0.8431, 0.8314  |
| CMYK        | 0.00, 0.29, 0.23, 0.78  |
| HSL         | 349°, 17%, 19%          |
| HSV         | 349°, 29%, 22%          |
| XYZ         | 2.8257, 2.5328, 2.6254  |
| YIQ         | 45.1260, 8.5730, 4.3250 |

# Conversions

## Conversions Part 2

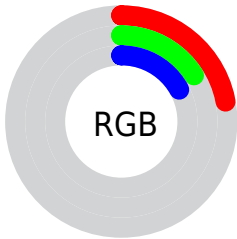
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| R <sub>Y</sub> B                    | 56, 40, 43                  |
| Decimal                             | 3680299                     |
| CIE Lab                             | 18.07, 8.06, 0.95           |
| CIE LCh                             | 18, 8.113, 6.758            |
| Yxy                                 | 2.5328, 0.3539,<br>0.3172   |
| Android<br>(android.graphics.Color) | 4281870379<br>(0xFF38282B)  |
| YUV                                 | 45.1260, -1.0481,<br>9.5365 |
| Hunter-Lab                          | 15.9146, 3.8430,<br>1.3592  |

# Details

The Hex color **38282B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **283835**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **675558**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **382226**, and if you desaturate by 10%, it is **382E30**.

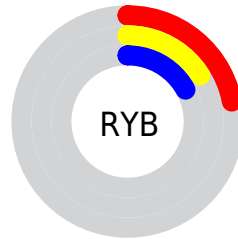
# Distribution



 Red (22%)

 Green (16%)

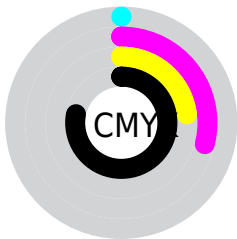
 Blue (17%)



 Red (22%)

 Yellow (16%)

 Blue (17%)

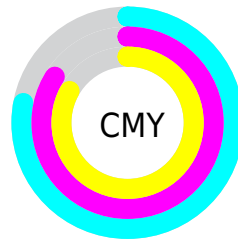


 Cyan (0%)


 Magenta (29%)

 Yellow (23%)

 Black (78%)



 Cyan (78%)

 Magenta (84%)

 Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38282B 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 38282B by changing the saturation by 10% instead.





38282B



38282B

FFFFFF



221417



675558



000000



806D71



9B878A



B5A1A4



D1BCC0



EDD8DB



FFF4F8



38282B



38282B

■ 382226

■ 382E30

■ 381D22

■ 383334

■ 38171D

■ 383939

■ 381219

■ 383E3D

■ 380C14

■ 384442

■ 380610

■ 384A46

■ 38010B

■ 384F4B

■ 38000B

■ 38554F

■ 385A54

# Harmonies

## Analogous

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



352931



38282B



382925

# Triad

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



38282B



292E23



202E37

# Complementary

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



38282B



283835

# 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.



1C2F33



38282B



222F27

# Square

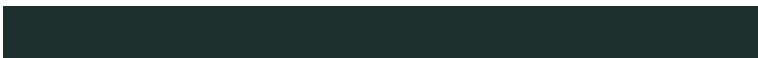
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38282B



2F2C21



1D302D



272C38

# Rectangle

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



38282B



362A23



1D302D



1E2E36



# Sweetspot

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



38282B



4A4345



352838



262223



A6A6A6



262626



# Same Dimension

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



38282B



4A3136



382D28



1C191A



5C0011



DB0029



# Inverse Universe

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



38282B



4A3136



283338



1C191A



5C0011



DB0029



# Previews

## White Background



This preview shows how the Hex color 38282B looks on a white background.

## Color Contrast Check

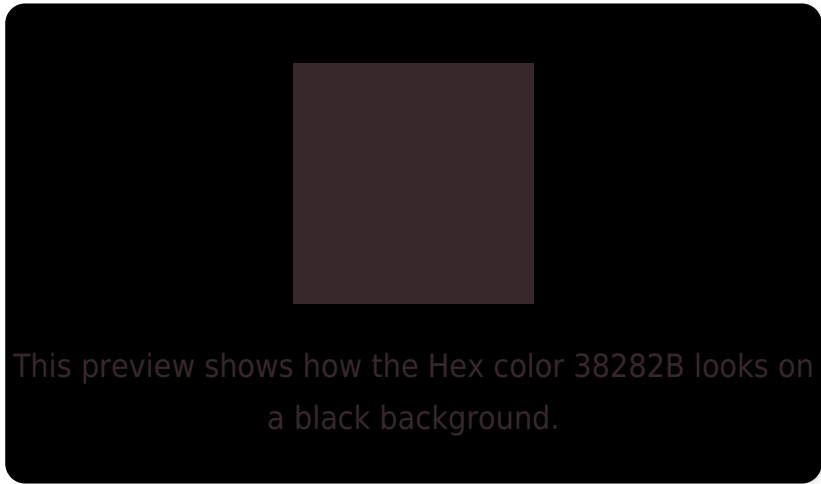
Large Text (above 18pt) WCAG AA ✓ Pass

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

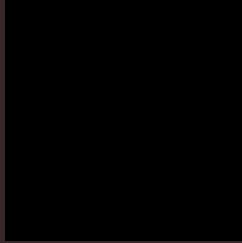
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38282B Background



This preview shows how black text looks on a background with the Hex color 38282B.

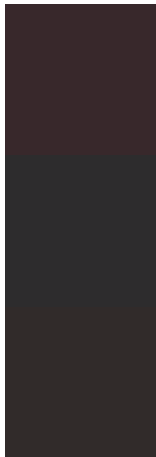


This preview shows how white text looks on a background with the Hex color 38282B.

# 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](#).

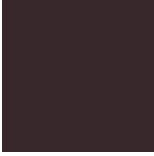
## Dichromacy



**Original Color**  
38282B

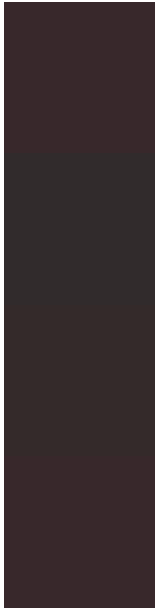
**Protanopia**  
2D2C2D

**Deuteranopia**  
312B2A



**Tritanopia**  
38282B

# Trichromacy



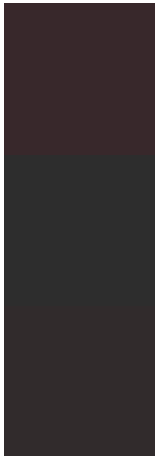
**Original Color**  
38282B

**Protanomaly**  
312B2C

**Deuteranomaly**  
342A2A

**Tritanomaly**  
38282B

# Monochromacy



**Original Color**  
38282B

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
312B2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38282B 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 #38282B looks like.

```
.text, #text, p{  
    color:#38282B  
}
```

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 #38282B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38282B
}
```

## Border

The CSS property to change the border of an element to Hex 38282B is called "border". The border property can be set on classes, ids or directly on the HTML element.

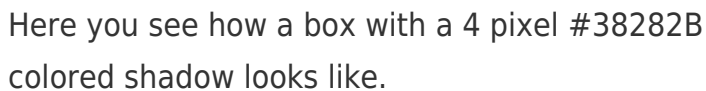
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38282B }
```

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

```
.border{ border-color:#38282B }
```

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



Here you see how a box with a 4 pixel #38282B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38282B; -webkit-box-shadow:4px 4px  
4px 4px #38282B; box-shadow:4px 4px 4px  
4px #38282B }
```

# Background

The CSS property to change the background color of an element to Hex 38282B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38282B }
```

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

```
.background{ background-color:#38282B }
```

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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