

Converting Colors

Hex(38312B)

Have a look what the booklet for
Hex(38312B) contains.

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Color

Hex(38312B)

Conversions

Conversions Part 1

Format	Color
Hex	38312B
RGB	56, 49, 43
RGB Percent	22%, 19%, 17%
CMY	0.7804, 0.8078, 0.8314
CMYK	0.00, 0.13, 0.23, 0.78
HSL	28°, 13%, 19%
HSV	28°, 23%, 22%
XYZ	3.1652, 3.2118, 2.7386
YIQ	50.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

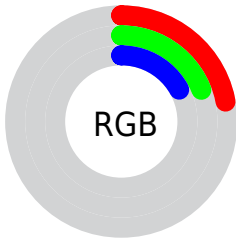
Format	Color
R_YB	56, 54, 43
Decimal	3682603
CIE Lab	20.87, 1.93, 4.98
CIE LCh	21, 5.336, 68.805
Yxy	3.2118, 0.3472, 0.3523
Android (android.graphics.Color)	4281872683 (0xFF38312B)
YUV	50.4090, -3.6526, 4.9033
Hunter-Lab	17.9215, 0.1636, 3.4848

Details

The Hex color **38312B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3238**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **675F58**, and **0A0200** is the 20% darker color. If you saturate the color by 10%, you get **382E25**, and if you desaturate by 10%, it is **383431**.

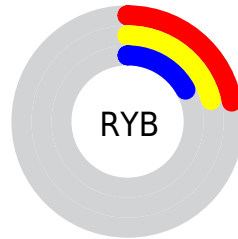
Distribution



Red (22%)

Green (19%)

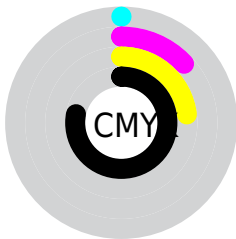
Blue (17%)



Red (22%)

Yellow (21%)

Blue (17%)

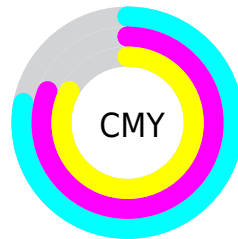


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (78%)



Cyan (78%)

Magenta (81%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38312B 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 38312B by changing the saturation by 10% instead.

■ 38312B

■ 38312B

FFFFFF

■ 221C17

■ 675F58

■ 0A0200

■ 807871

■ 000000

■ 9A918A

■ B5ACA4

■ D1C7C0

■ EDE3DB

■ FFFFF8

■ 38312B

■ 38312B

■ 382E25

■ 383431

■ 382B20

■ 383736

■ 38281A

■ 383A3C

■ 382515

■ 383D41

■ 38220F

■ 384047

■ 381F09

■ 38434D

■ 381C04

■ 384652

■ 381A00

■ 384958

■ 384C5D

Harmonies

Analogous

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



3A302D



38312B



34322A

Triad

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



38312B



293533



343138

Complementary

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



38312B



2B3238

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.



2F323A



38312B



283437

Square

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



38312B



2B342F



2B3339



383035

Rectangle

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



38312B



31332B



2B3339



333139

Sweetspot

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



38312B



4A4745



382B32



262523



A6A6A6



262626

Same Dimension

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



38312B



4A3F35



38372B



1C1B19



5C2A00



DB6500

Inverse Universe

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



2B3238



35404A



2B2C38



191B1C



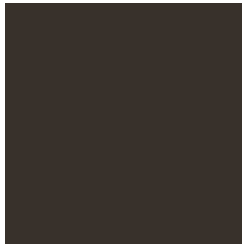
00315C



0076DB

Previews

White Background



This preview shows how the Hex color 38312B looks on a white background.

Color Contrast Check

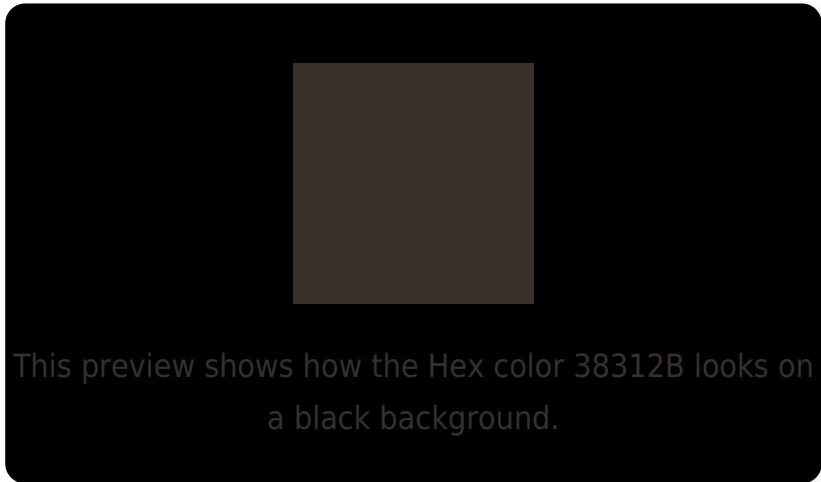
Large Text (above 18pt) WCAG AA ✓ Pass

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

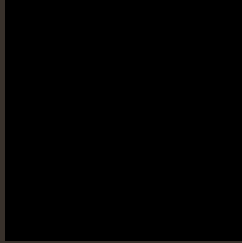
Any Text WCAG AA × Fail

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 38312B Background



This preview shows how black text looks on a background with the Hex color 38312B.

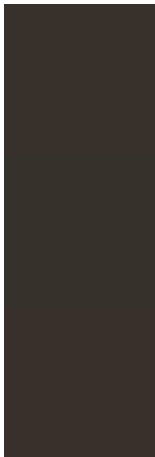


This preview shows how white text looks on a background with the Hex color 38312B.

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
38312B

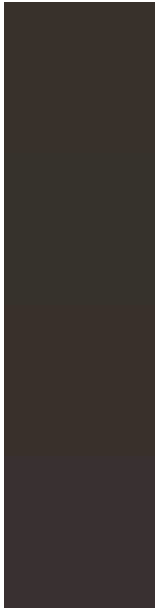
Protanopia
35322C

Deuteranopia
3A302B



Tritanopia
393034

Trichromacy



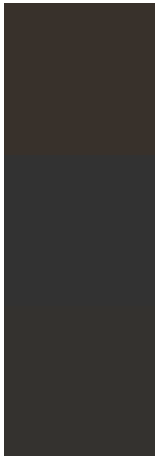
Original Color
38312B

Protanomaly
36322C

Deuteranomaly
39302B

Tritanomaly
393031

Monochromacy



Original Color
38312B

Achromatopsia
323232

Achromatomaly
34322F

CSS Examples

Text

The CSS property to change the color of the text to Hex 38312B 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 #38312B looks like.

```
.text, #text, p{  
    color:#38312B  
}
```

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 #38312B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38312B  
}
```

Border

The CSS property to change the border of an element to Hex 38312B is called "border". The border property can be set on classes, ids or directly on the HTML element.

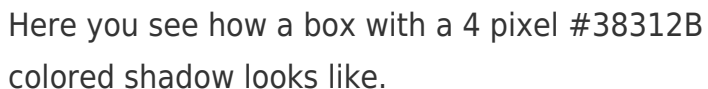
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#38312B }
```

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

```
.border{ border-color:#38312B }
```

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



Here you see how a box with a 4 pixel #38312B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38312B; -webkit-box-shadow:4px 4px  
4px 4px #38312B; box-shadow:4px 4px 4px  
4px #38312B }
```

Background

The CSS property to change the background color of an element to Hex 38312B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38312B }
```

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

```
.background{ background-color:#38312B }
```

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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