

Converting Colors

Hex(38312F)

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

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Color

Hex(38312F)

Conversions

Conversions Part 1

Format	Color
Hex	38312F
RGB	56, 49, 47
RGB Percent	22%, 19%, 18%
CMY	0.7804, 0.8078, 0.8157
CMYK	0.00, 0.13, 0.16, 0.78
HSL	13°, 9%, 20%
HSV	13°, 16%, 22%
XYZ	3.2423, 3.2426, 3.1443
YIQ	50.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

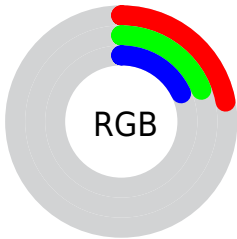
Format	Color
RYB	56, 50, 47
Decimal	3682607
CIELab	20.99, 2.72, 2.42
CIELCh	21, 3.637, 41.647
Yxy	3.2426, 0.3367, 0.3367
Android (android.graphics.Color)	4281872687 (0xFF38312F)
YUV	50.8650, -1.9054, 4.5034
Hunter-Lab	18.0073, 0.6270, 2.2522

Details

The Hex color **38312F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F3638**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **675F5D**, and **0C0100** is the 20% darker color. If you saturate the color by 10%, you get **382D29**, and if you desaturate by 10%, it is **383535**.

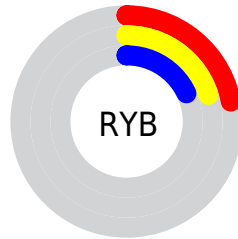
Distribution



Red (22%)

Green (19%)

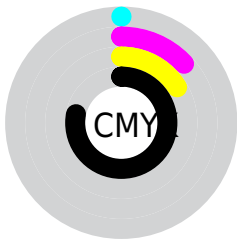
Blue (18%)



Red (22%)

Yellow (20%)

Blue (18%)

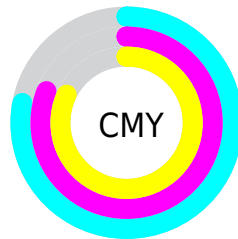


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (78%)



Cyan (78%)

Magenta (81%)

Yellow (82%)

Brightness & Saturation Gradients

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



38312F



38312F

FFFFFF



221C1A



675F5D



0C0100



807875



000000



9A918F



B5ACA9



D0C7C5



EDE3E1

FFFFFFD



38312F



38312F

■ 382D29

■ 383535

■ 382824

■ 383A3A

■ 38241E

■ 383E40

■ 382019

■ 384245

■ 381B13

■ 38474B

■ 38170D

■ 384B51

■ 381308

■ 384F56

■ 380E02

■ 38545C

■ 380C00

■ 385861

Harmonies

Analogous

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



383131



38312F



36322D

Triad

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



38312F



2E3431



313238

Complementary

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



38312F



2F3638

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.



2E3337



38312F



2C3433

Square

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



38312F



30332E



2C3436



343136

Rectangle

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



38312F



35322D



2C3436



303338

Sweetspot

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



38312F



4A4746



382F36



262424



A6A6A6



262626

Same Dimension

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



38312F



4A3F3C



38352F



1C1A19



5C1400



DB3100

Inverse Universe

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



2F3638



3C474A



2F3238



191B1C



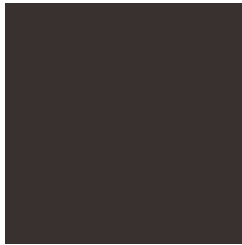
00475C



00ABDB

Previews

White Background



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

Color Contrast Check

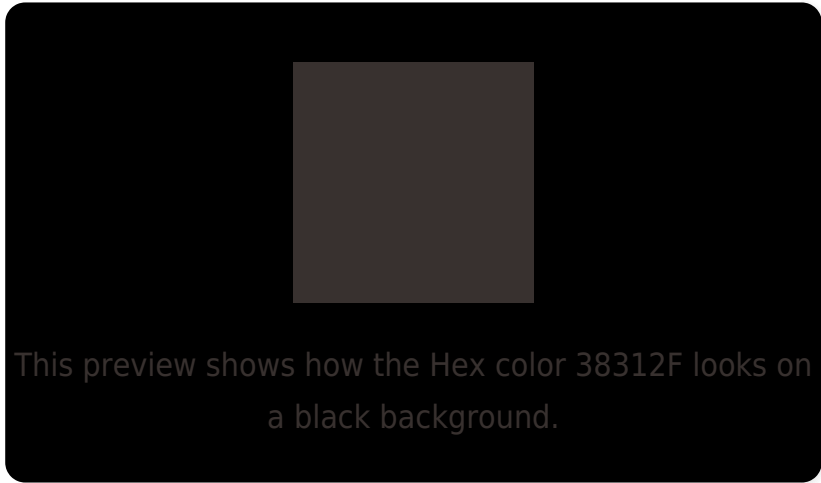
Large Text (above 18pt) WCAG AA ✓ Pass

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

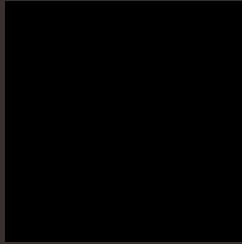
Any Text WCAG AA × Fail

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 38312F Background



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

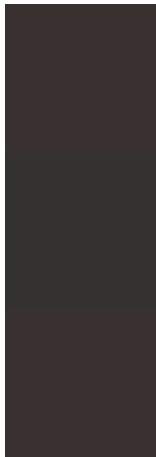


This preview shows how white text looks on a background with the Hex color 38312F.

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
38312F

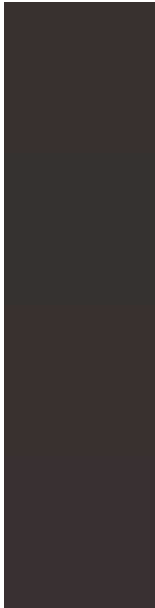
Protanopia
343230

Deuteranopia
39312F



Tritanopia
393034

Trichromacy



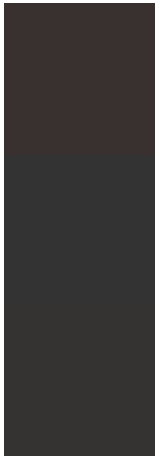
Original Color
38312F

Protanomaly
353230

Deuteranomaly
39312F

Tritanomaly
393032

Monochromacy



Original Color
38312F

Achromatopsia
333333

Achromatomaly
353232

CSS Examples

Text

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

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

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 #38312F colored shadow looks like.

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

Border

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

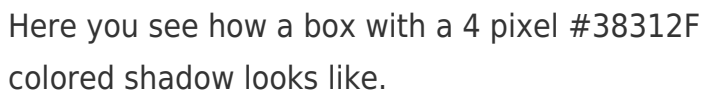
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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