

# Converting Colors

Hex(38482C)

Have a look what the booklet for  
Hex(38482C) contains.

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# Color

Hex(38482C)

# Conversions

## Conversions Part 1

Format	Color
Hex	38482C
RGB	56, 72, 44
RGB Percent	22%, 28%, 17%
CMY	0.7804, 0.7176, 0.8275
CMYK	0.22, 0.00, 0.39, 0.72
HSL	94°, 24%, 23%
HSV	94°, 39%, 28%
XYZ	4.4029, 5.6573, 3.2428
YIQ	64.0240, -0.5480, -12.1000

# Conversions

## Conversions Part 2

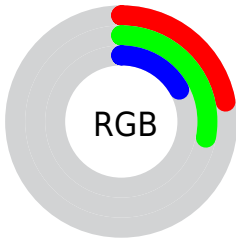
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 72, 60
Decimal	3688492
CIE <sub>Lab</sub>	28.53, -12.37, 14.78
CIE <sub>LCh</sub>	29, 19.278, 129.927
Yxy	5.6573, 0.3310, 0.4253
Android (android.graphics.Color)	4281878572 (0xFF38482C)
YUV	64.0240, -9.8718, -7.0370
Hunter-Lab	23.7851, -8.5818, 8.5662

# Details

The Hex color **38482C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3C2C48**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **67795A**, and **0F1D00** is the 20% darker color. If you saturate the color by 10%, you get **344825**, and if you desaturate by 10%, it is **3C4833**.

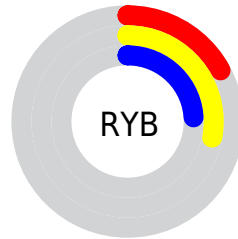
# Distribution



Red (22%)

Green (28%)

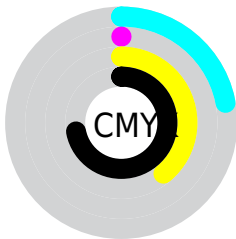
Blue (17%)



Red (17%)

Yellow (28%)

Blue (24%)

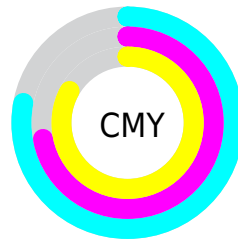


Cyan (22%)

Magenta (0%)

Yellow (39%)

Black (72%)



Cyan (78%)

Magenta (72%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38482C 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 38482C by changing the saturation by 10% instead.





38482C



38482C

FFFFFF



223117



67795A



0F1D00



819273



000000



9BAD8C



B6C8A7



D2E4C2



EEFFDE



FFFFFFA



38482C



38482C

■ 344825

■ 3C4833

■ 30481E

■ 40483A

■ 2C4816

■ 444842

■ 28480F

■ 484849

■ 234808

■ 4D4850

■ 1F4801

■ 514857

■ 1F4800

■ 55485E

■ 594866

■ 5D486D

# Harmonies

## Analogous

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



484426



38482C



264A39

# Triad

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



38482C



1C485F



60383F

# Complementary

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



38482C



3C2C48

# 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.



5A394E



38482C



364360

# Square

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



38482C



064A56



4B3E5A



5E3A31

# Rectangle

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



38482C



184B43



4B3E5A



5F3844



# Sweetspot

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



38482C



585E53



483C2C



2D302A



B0B0B0



303030



# Same Dimension

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



38482C



455E32



2C482E



222420



2B6300



61E300



# Inverse Universe

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



3C2C48



4B325E



482C46



222024



390063



8200E3



# Previews

## White Background



This preview shows how the Hex color 38482C looks on a white background.

## Color Contrast Check

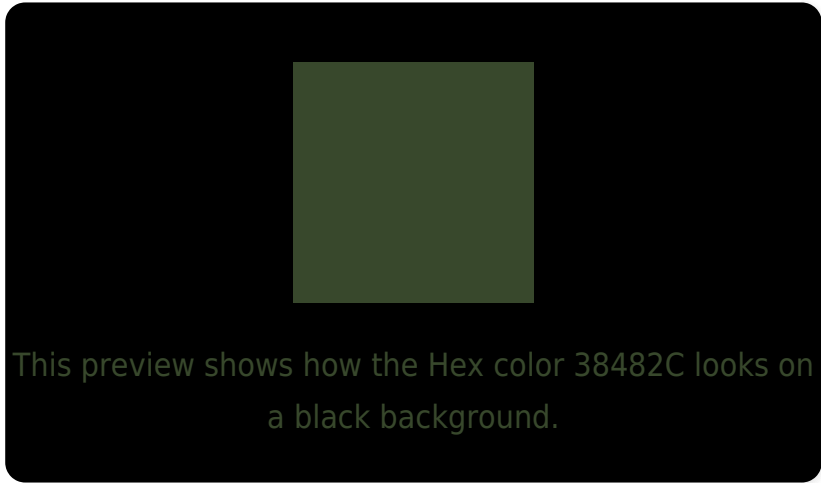
Large Text (above 18pt) WCAG AA ✓ Pass

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

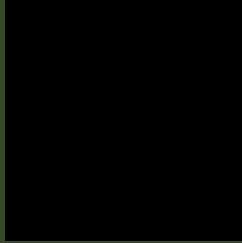
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38482C Background



This preview shows how black text looks on a background with the Hex color 38482C.



This preview shows how white text looks on a background with the Hex color 38482C.

# 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**  
38482C

**Protanopia**  
49432A

**Deuteranopia**  
50402E



**Tritanopia**  
3D444A

# Trichromacy



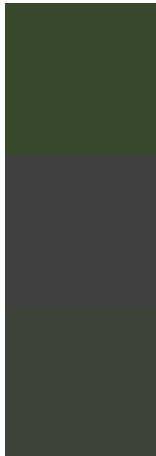
**Original Color**  
38482C

**Protanomaly**  
43452B

**Deuteranomaly**  
47432D

**Tritanomaly**  
3B453F

# Monochromacy



**Original Color**  
38482C

**Achromatopsia**  
404040

**Achromatomaly**  
3D4339

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38482C 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 #38482C looks like.

```
.text, #text, p{  
    color:#38482C  
}
```

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 #38482C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38482C
}
```

## Border

The CSS property to change the border of an element to Hex 38482C 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".

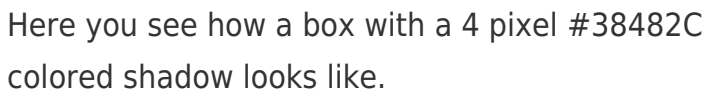
```
.border, #border, table{ border:4px solid
#38482C }
```

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

```
.border{ border-color:#38482C }
```

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

Here you see how a box with a 4 pixel #38482C colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38482C; -webkit-box-shadow:4px 4px  
4px 4px #38482C; box-shadow:4px 4px 4px  
4px #38482C }
```

# Background

The CSS property to change the background color of an element to Hex 38482C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38482C }
```

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

```
.background{ background-color:#38482C }
```

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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