

Converting Colors

Hex(38402D)

Have a look what the booklet for
Hex(38402D) contains.

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Color

Hex(38402D)

Conversions

Conversions Part 1

Format	Color
Hex	38402D
RGB	56, 64, 45
RGB Percent	22%, 25%, 18%
CMY	0.7804, 0.7490, 0.8235
CMYK	0.12, 0.00, 0.30, 0.75
HSL	85°, 17%, 21%
HSV	85°, 30%, 25%
XYZ	3.9379, 4.6970, 3.1817
YIQ	59.4420, 1.3310, -7.6050

Conversions

Conversions Part 2

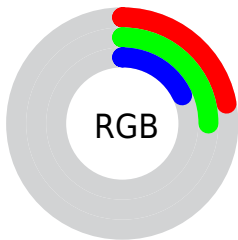
Format	Color
RYB	45, 64, 53
Decimal	3686445
CIELab	25.85, -7.39, 10.56
CIELCh	26, 12.888, 124.985
Yxy	4.6970, 0.3333, 0.3975
Android (android.graphics.Color)	4281876525 (0xFF38402D)
YUV	59.4420, -7.1199, -3.0186
Hunter-Lab	21.6726, -5.4933, 6.4666

Details

The Hex color **38402D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352D40**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **67705B**, and **0D1600** is the 20% darker color. If you saturate the color by 10%, you get **354027**, and if you desaturate by 10%, it is **3B4033**.

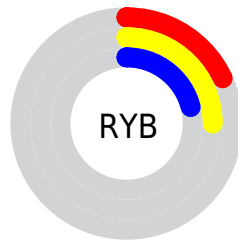
Distribution



Red (22%)

Green (25%)

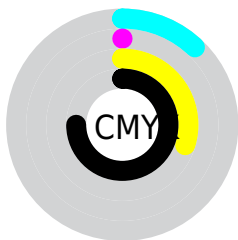
Blue (18%)



Red (18%)

Yellow (25%)

Blue (21%)

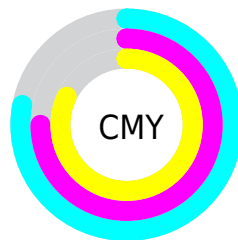


Cyan (12%)

Magenta (0%)

Yellow (30%)

Black (75%)



Cyan (78%)

Magenta (75%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38402D 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 38402D by changing the saturation by 10% instead.

■ 38402D

■ 38402D

FFFFFF

■ 222A18

■ 67705B

■ 0D1600

■ 808973

■ 000000

■ 9AA38D

■ B5BEA7

■ D1DAC3

■ EDF7DE

■ FFFFFB

■ 38402D

■ 38402D

■ 354027

■ 3B4033

■ 334020

■ 3D403A

■ 30401A

■ 404040

■ 2D4013

■ 434047

■ 2B400D

■ 45404D

■ 284007

■ 484053

■ 254000

■ 4B405A

■ 4E4060

■ 504067

Harmonies

Analogous

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



433D2A



38402D



2D4235

Triad

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



38402D



26404F



51363C

Complementary

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



38402D



352D40

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.



4B3746



38402D



333E51

Square

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



38402D



204248



413A4D



503732

Rectangle

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



38402D



26433B



413A4D



4F363F

Sweetspot

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



38402D



51544D



40352D



292B27



ABABAB



2B2B2B

Same Dimension

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



38402D



475436



2F402D



20211E



386100



82E000

Inverse Universe

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



352D40



433654



3E2D40



1F1E21



290061



5E00E0

Previews

White Background



This preview shows how the Hex color 38402D looks on a white background.

Color Contrast Check

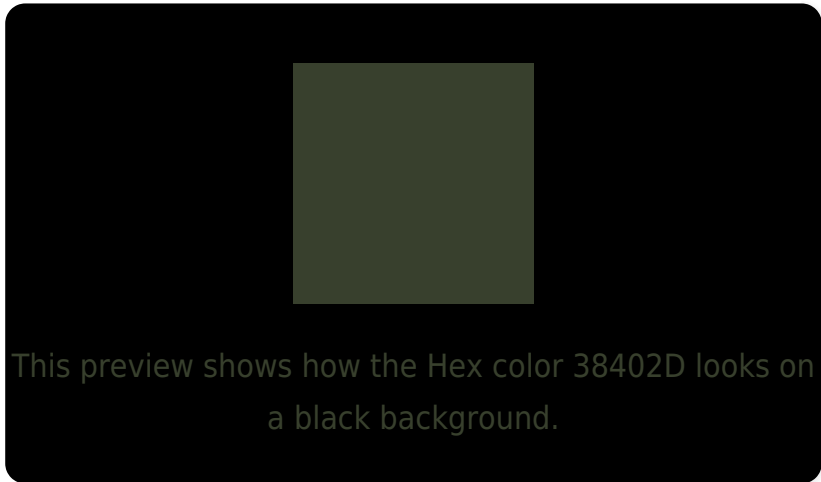
Large Text (above 18pt) WCAG AA ✓ Pass

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

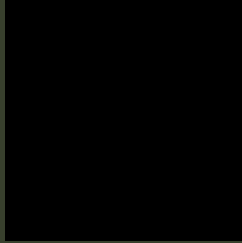
Any Text WCAG AA × Fail

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 38402D Background



This preview shows how black text looks on a background with the Hex color 38402D.

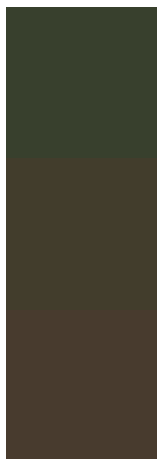


This preview shows how white text looks on a background with the Hex color 38402D.

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](#).

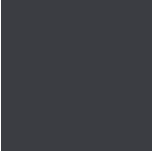
Dichromacy



Original Color
38402D

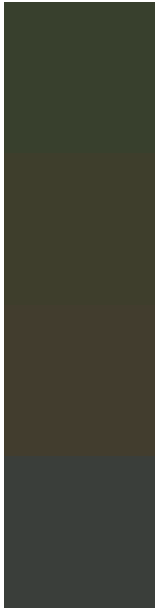
Protanopia
423D2C

Deuteranopia
483B2E



Tritanopia
3B3D42

Trichromacy



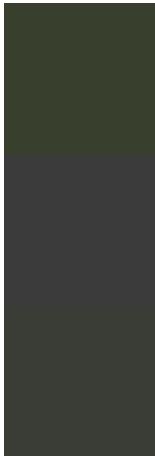
Original Color
38402D

Protanomaly
3E3E2C

Deuteranomaly
423D2E

Tritanomaly
3A3E3A

Monochromacy



Original Color
38402D

Achromatopsia
3B3B3B

Achromatomaly
3A3D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 38402D 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 #38402D looks like.

```
.text, #text, p{  
    color:#38402D  
}
```

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 #38402D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38402D
}
```

Border

The CSS property to change the border of an element to Hex 38402D is called "border". The border property can be set on classes, ids or directly on the HTML element.

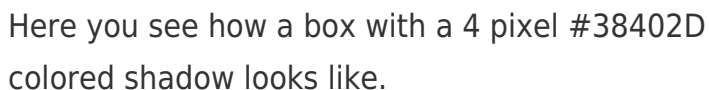
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38402D }
```

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

```
.border{ border-color:#38402D }
```

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



Here you see how a box with a 4 pixel #38402D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38402D; -webkit-box-shadow:4px 4px  
4px 4px #38402D; box-shadow:4px 4px 4px  
4px #38402D }
```

Background

The CSS property to change the background color of an element to Hex 38402D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38402D }
```

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

```
.background{ background-color:#38402D }
```

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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