

Converting Colors

Hex(402F30)

Have a look what the booklet for
Hex(402F30) contains.

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Color

Hex(402F30)

Conversions

Conversions Part 1

Format	Color
Hex	402F30
RGB	64, 47, 48
RGB Percent	25%, 18%, 19%
CMY	0.7490, 0.8157, 0.8118
CMYK	0.00, 0.27, 0.25, 0.75
HSL	356°, 15%, 22%
HSV	356°, 27%, 25%
XYZ	3.6644, 3.3364, 3.2472
YIQ	52.1970, 9.8110, 3.9150

Conversions

Conversions Part 2

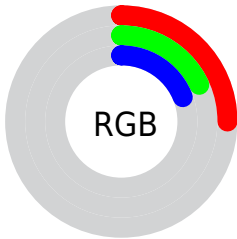
Format	Color
R_{YB}	64, 47, 48
Decimal	4206384
CIE Lab	21.34, 7.95, 2.36
CIE LCh	21, 8.290, 16.568
Yxy	3.3364, 0.3576, 0.3256
Android (android.graphics.Color)	4282396464 (0xFF402F30)
YUV	52.1970, -2.0691, 10.3512
Hunter-Lab	18.2659, 3.8441, 2.2460

Details

The Hex color **402F30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F403F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **705D5E**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **40292A**, and if you desaturate by 10%, it is **403536**.

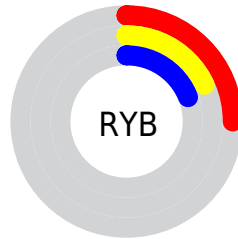
Distribution



Red (25%)

Green (18%)

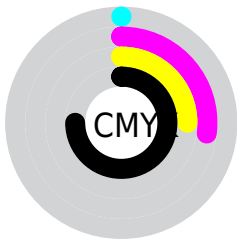
Blue (19%)



Red (25%)

Yellow (18%)

Blue (19%)

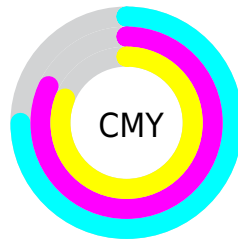


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (75%)



Cyan (75%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402F30 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 402F30 by changing the saturation by 10% instead.



402F30



402F30

FFFFFF



2A1A1B



705D5E



170000



8A7677



000000



A48F90



BFAAAB



DBC5C6



F8E1E2



FFFEFF



402F30



402F30

■ 40292A

■ 403536

■ 402224

■ 403C3C

■ 401C1E

■ 404242

■ 401518

■ 404948

■ 400F12

■ 404F4E

■ 40090C

■ 405554

■ 400206

■ 405C5A

■ 400004

■ 406260

■ 406966

Harmonies

Analogous

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



3E2F36



402F30



3F302B

Triad

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



402F30



2D362B



29353F

Complementary

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



402F30



2F403F

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.



24363C



402F30



273730

Square

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



402F30



343427



233736



31333F

Rectangle

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



402F30



3C3128



233736



27353E

Sweetspot

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



402F30



544D4E



3F2F40



2B2727



ABABAB



2B2B2B

Same Dimension

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



402F30



54393B



40362F



211E1E



610006



E0000D

Inverse Universe

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



402F30



54393B



2F3940



211E1E



610006



E0000D

Previews

White Background



This preview shows how the Hex color 402F30 looks on a white background.

Color Contrast Check

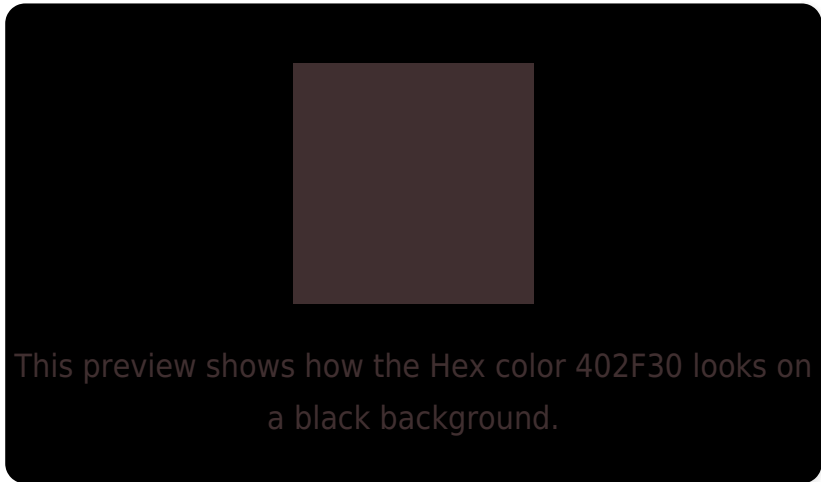
Large Text (above 18pt) WCAG AA ✓ Pass

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 402F30 Background



This preview shows how black text looks on a background with the Hex color 402F30.

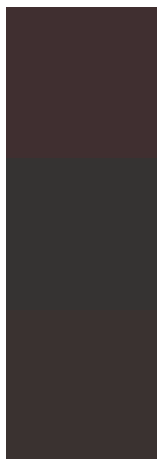


This preview shows how white text looks on a background with the Hex color 402F30.

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
402F30

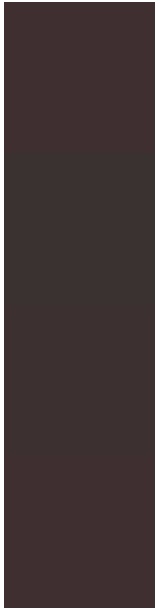
Protanopia
353332

Deuteranopia
3A3230



Tritanopia
402F32

Trichromacy



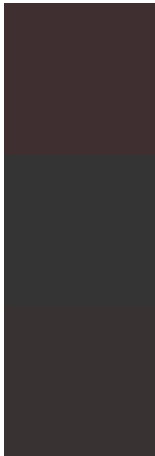
Original Color
402F30

Protanomaly
393231

Deuteranomaly
3C3130

Tritanomaly
402F31

Monochromacy



Original Color
402F30

Achromatopsia
343434

Achromatomaly
383233

CSS Examples

Text

The CSS property to change the color of the text to Hex 402F30 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 #402F30 looks like.

```
.text, #text, p{  
    color:#402F30  
}
```

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 #402F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402F30
}
```

Border

The CSS property to change the border of an element to Hex 402F30 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".

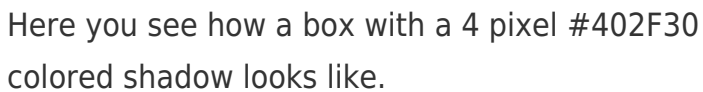
```
.border, #border, table{ border:4px solid
#402F30 }
```

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

```
.border{ border-color:#402F30 }
```

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

Here you see how a box with a 4 pixel #402F30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402F30; -webkit-box-shadow:4px 4px  
4px 4px #402F30; box-shadow:4px 4px 4px  
4px #402F30 }
```

Background

The CSS property to change the background color of an element to Hex 402F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402F30 }
```

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

```
.background{ background-color:#402F30 }
```

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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