

Converting Colors

Hex(2B402C)

Have a look what the booklet for
Hex(2B402C) contains.

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Color

Hex(2B402C)

Conversions

Conversions Part 1

Format	Color
Hex	2B402C
RGB	43, 64, 44
RGB Percent	17%, 25%, 17%
CMY	0.8314, 0.7490, 0.8275
CMYK	0.33, 0.00, 0.31, 0.75
HSL	123°, 20%, 21%
HSV	123°, 33%, 25%
XYZ	3.2843, 4.3622, 3.0518
YIQ	55.4410, -6.0960, -10.6720

Conversions

Conversions Part 2

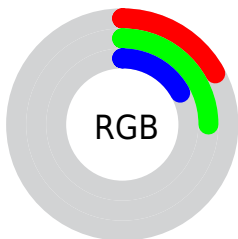
Format	Color
RYB	43, 63, 64
Decimal	2834476
CIELab	24.83, -13.15, 9.65
CIELCh	25, 16.316, 143.731
Yxy	4.3622, 0.3070, 0.4078
Android (android.graphics.Color)	4281024556 (0xFF2B402C)
YUV	55.4410, -5.6404, -10.9108
Hunter-Lab	20.8860, -8.4816, 5.9570

Details

The Hex color **2B402C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **402B3F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **59705A**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **254026**, and if you desaturate by 10%, it is **314032**.

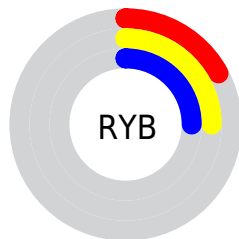
Distribution



Red (17%)

Green (25%)

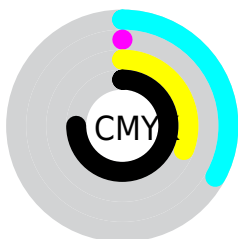
Blue (17%)



Red (17%)

Yellow (25%)

Blue (25%)

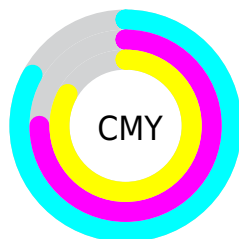


Cyan (33%)

Magenta (0%)

Yellow (31%)

Black (75%)



Cyan (83%)

Magenta (75%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B402C 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 2B402C by changing the saturation by 10% instead.

 2B402C

 2B402C

FFFFFF

 162A17

 59705A

 001600

 728972

 000000

 8CA48C

 A6BFA6

 C1DBC1

 DDF7DD

 FAFFFA

 2B402C

 2B402C

■ 254026

■ 314032

■ 1E4020

■ 384038

■ 18401A

■ 3E403E

■ 114014

■ 454044

■ 0B400E

■ 4B404A

■ 054007

■ 514051

■ 004003

■ 584057

■ 5E405D

■ 654063

Harmonies

Analogous

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



393D24



2B402C



1C4138

Triad

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



2B402C



263D53



533232

Complementary

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



2B402C



402B3F

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.



51323E



2B402C



393951

Square

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



2B402C



14404E



48344A



4F3528

Rectangle

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



2B402C



134240



48344A



533236

Sweetspot

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



2B402C



4C544C



3F402B



262B26



ABABAB



2B2B2B

Same Dimension

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



2B402C



335435



2B4036



1E211E



006105



00E00B

Inverse Universe

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



402B3F



543353



402B35



211E21



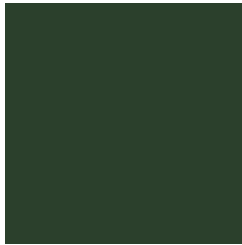
61005C



E000D6

Previews

White Background



This preview shows how the Hex color 2B402C looks on a white background.

Color Contrast Check

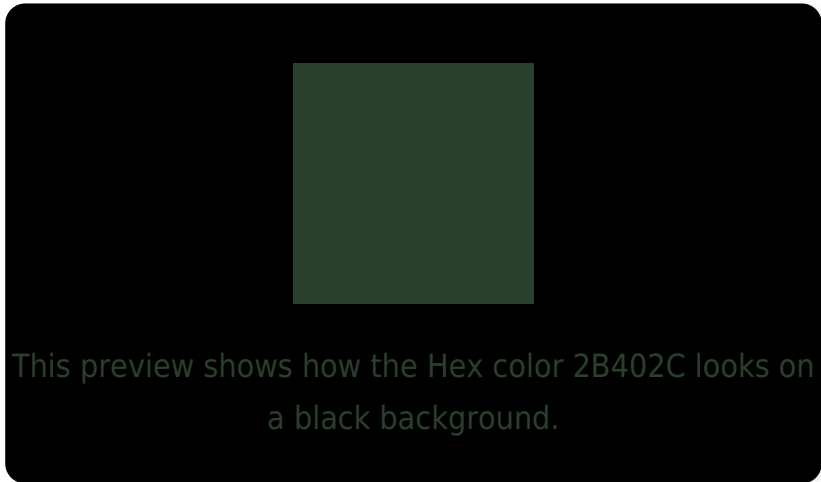
Large Text (above 18pt) WCAG AA ✓ Pass

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

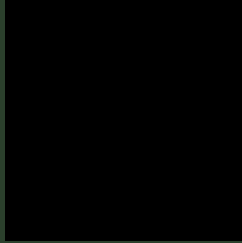
Any Text WCAG AA × Fail

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 2B402C Background



This preview shows how black text looks on a background with the Hex color 2B402C.



This preview shows how white text looks on a background with the Hex color 2B402C.

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
2B402C

Protanopia
3F3B2A

Deuteranopia
45382E



Tritanopia
2F3D42

Trichromacy



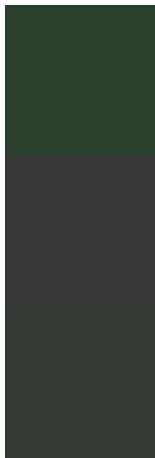
Original Color
2B402C

Protanomaly
383D2B

Deuteranomaly
3C3B2D

Tritanomaly
2E3E3A

Monochromacy



Original Color
2B402C

Achromatopsia
373737

Achromatomaly
333A33

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B402C 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 #2B402C looks like.

```
.text, #text, p{  
    color:#2B402C  
}
```

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 #2B402C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B402C
}
```

Border

The CSS property to change the border of an element to Hex 2B402C 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".

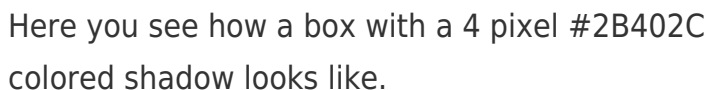
```
.border, #border, table{ border:4px solid
#2B402C }
```

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

```
.border{ border-color:#2B402C }
```

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

Here you see how a box with a 4 pixel #2B402C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B402C; -webkit-box-shadow:4px 4px  
4px 4px #2B402C; box-shadow:4px 4px 4px  
4px #2B402C }
```

Background

The CSS property to change the background color of an element to Hex 2B402C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B402C }
```

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

```
.background{ background-color:#2B402C }
```

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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