

Converting Colors

Hex(2A342C)

Have a look what the booklet for
Hex(2A342C) contains.

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Color

Hex(2A342C)

Conversions

Conversions Part 1

Format	Color
Hex	2A342C
RGB	42, 52, 44
RGB Percent	16%, 20%, 17%
CMY	0.8353, 0.7961, 0.8275
CMYK	0.19, 0.00, 0.15, 0.80
HSL	132°, 11%, 18%
HSV	132°, 19%, 20%
XYZ	2.6375, 3.1301, 2.8480
YIQ	48.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

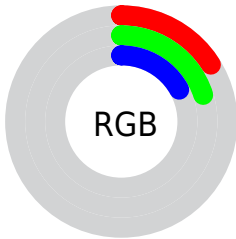
Format	Color
R_{YB}	42, 50, 52
Decimal	2765868
CIE Lab	20.56, -6.20, 3.66
CIE LCh	21, 7.201, 149.440
Yxy	3.1301, 0.3061, 0.3633
Android (android.graphics.Color)	4280955948 (0xFF2A342C)
YUV	48.0980, -2.0203, -5.3479
Hunter-Lab	17.6920, -4.3509, 2.8400

Details

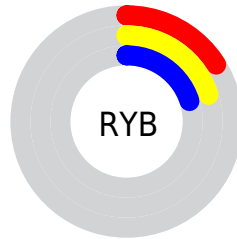
The Hex color **2A342C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **342A32**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **576259**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **253428**, and if you desaturate by 10%, it is **2F3430**.

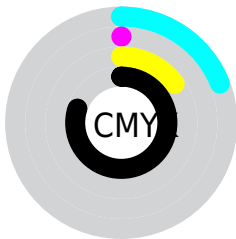
Distribution



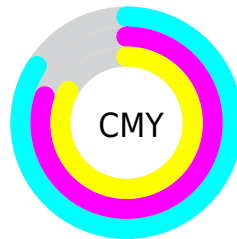
- Red (16%)
- Green (20%)
- Blue (17%)



- Red (16%)
- Yellow (20%)
- Blue (20%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (80%)



- Cyan (84%)
- Magenta (80%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A342C 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 2A342C by changing the saturation by 10% instead.

■ 2A342C

■ 2A342C

FFFFFF

■ 151F17

■ 576259

■ 000400

■ 707B72

■ 000000

■ 89958B

■ A4B0A6

■ BFCBC1

■ DAE7DD

■ F7FFF9

■ 2A342C

■ 2A342C

■ 253428

■ 2F3430

■ 203424

■ 343434

■ 1A3420

■ 3A3438

■ 15341B

■ 3F343D

■ 103417

■ 443441

■ 0B3413

■ 493445

■ 06340F

■ 4E3449

■ 00340B

■ 54344D

■ 00340A

■ 593451

Harmonies

Analogous

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



303328



2A342C



253531

Triad

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



2A342C



2B323C



3D2E2D

Complementary

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



2A342C



342A32

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.



3C2E32



2A342C



32303B

Square

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



2A342C



26343A



382F37



3A2F29

Rectangle

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



2A342C



243535



382F37



3D2E2E

Sweetspot

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



2A342C



414542



32342A



212422



A3A3A3



242424

Same Dimension

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



2A342C



354538



2A3431



171A17



005912



00D92B

Inverse Universe

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



342A32



453542



342A2D



1A1719



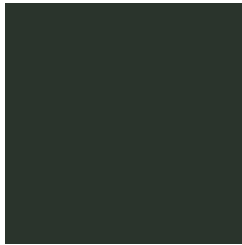
590047



D900AD

Previews

White Background



This preview shows how the Hex color 2A342C looks on a white background.

Color Contrast Check

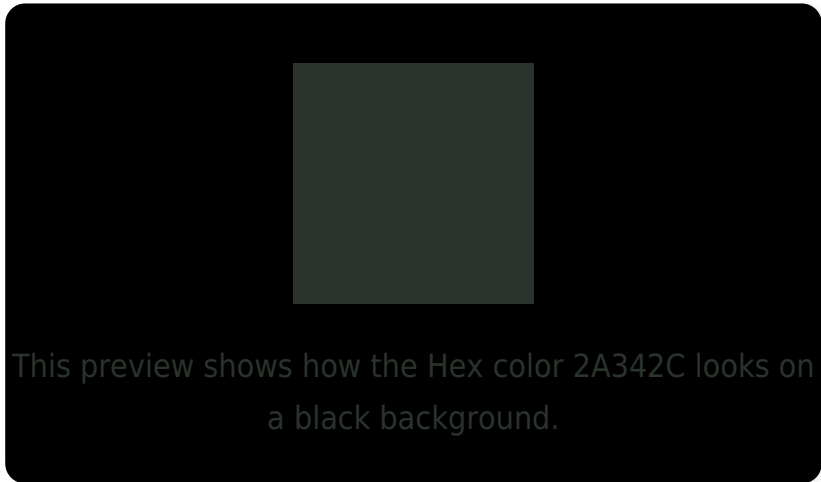
Large Text (above 18pt) WCAG AA ✓ Pass

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

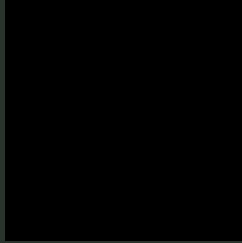
Any Text WCAG AA × Fail

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 2A342C Background



This preview shows how black text looks on a background with the Hex color 2A342C.



This preview shows how white text looks on a background with the Hex color 2A342C.

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
2A342C

Protanopia
34312B

Deuteranopia
38302D



Tritanopia
2C3337

Trichromacy



Original Color

2A342C

Protanomaly

30322B

Deuteranomaly

33312D

Tritanomaly

2B3333

Monochromacy



Original Color

2A342C

Achromatopsia

303030

Achromatomaly

2E312F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A342C 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 #2A342C looks like.

```
.text, #text, p{  
    color:#2A342C  
}
```

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 #2A342C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A342C
}
```

Border

The CSS property to change the border of an element to Hex 2A342C is called "border". The border property can be set on classes, ids or directly on the HTML element.

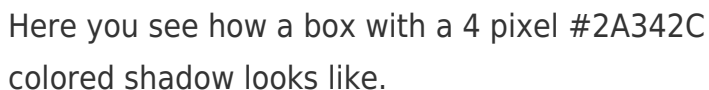
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A342C }
```

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

```
.border{ border-color:#2A342C }
```

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



Here you see how a box with a 4 pixel #2A342C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A342C; -webkit-box-shadow:4px 4px  
4px 4px #2A342C; box-shadow:4px 4px 4px  
4px #2A342C }
```

Background

The CSS property to change the background color of an element to Hex 2A342C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A342C }
```

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

```
.background{ background-color:#2A342C }
```

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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