

Converting Colors

Hex(2A413C)

Have a look what the booklet for
Hex(2A413C) contains.

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Color

Hex(2A413C)

Conversions

Conversions Part 1

Format	Color
Hex	2A413C
RGB	42, 65, 60
RGB Percent	16%, 25%, 24%
CMY	0.8353, 0.7451, 0.7647
CMYK	0.35, 0.00, 0.08, 0.75
HSL	167°, 21%, 21%
HSV	167°, 35%, 25%
XYZ	3.6608, 4.5991, 4.9697
YIQ	57.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

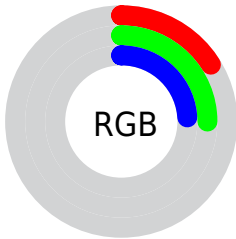
Format	Color
R_{YB}	42, 55, 65
Decimal	2769212
CIE _{Lab}	25.56, -10.29, 0.18
CIE _{LCh}	26, 10.287, 178.991
Yxy	4.5991, 0.2767, 0.3476
Android (android.graphics.Color)	4280959292 (0xFF2A413C)
YUV	57.5530, 1.2064, -13.6400
Hunter-Lab	21.4455, -7.0595, 1.2721

Details

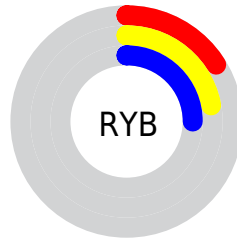
The Hex color **2A413C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **412A2F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **58716B**, and **001712** is the 20% darker color. If you saturate the color by 10%, you get **24413B**, and if you desaturate by 10%, it is **31413D**.

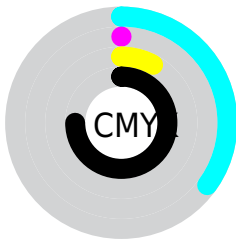
Distribution



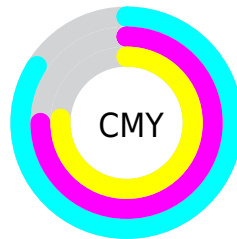
- Red (16%)
- Green (25%)
- Blue (24%)



- Red (16%)
- Yellow (22%)
- Blue (25%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A413C 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 2A413C by changing the saturation by 10% instead.

■ 2A413C

■ 2A413C

FFFFFF

■ 142B26

■ 58716B

■ 001712

■ 718A84

■ 000000

■ 8BA59F

■ A5C0B9

■ C0DCD5

■ DCF8F1

■ F9FFFF

■ 2A413C

■ 2A413C

■ 24413B

■ 31413D

■ 1D4139

■ 37413F

■ 164138

■ 3E4140

■ 104136

■ 444142

■ 094135

■ 4A4143

■ 034134

■ 514144

■ 004133

■ 584146

■ 5E4147

■ 654149

Harmonies

Analogous

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



314034



2A413C



274144

Triad

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



2A413C



3E3B4A



49392F

Complementary

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



2A413C



412A2F

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.



4D3835



2A413C



463845

Square

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



2A413C



333D4C



4C373D



433C2D

Rectangle

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



2A413C



284048



4C373D



4B3931

Sweetspot

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



2A413C



4B5452



2F412A



262B2A



ABABAB



2B2B2B

Same Dimension

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



2A413C



31544C



2A3B41



1E2120



00614C



00E0B0

Inverse Universe

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



412A2F



543138



41302A



211E1F



610015



E00031

Previews

White Background



This preview shows how the Hex color 2A413C looks on a white background.

Color Contrast Check

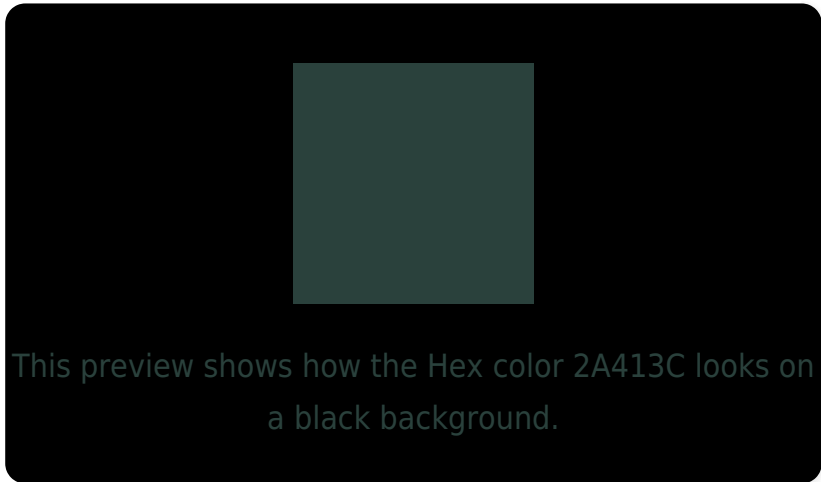
Large Text (above 18pt) WCAG AA ✓ Pass

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

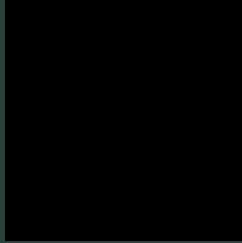
Any Text WCAG AA × Fail

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 2A413C Background



This preview shows how black text looks on a background with the Hex color 2A413C.



This preview shows how white text looks on a background with the Hex color 2A413C.

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
2A413C

Protanopia
3E3C39

Deuteranopia
423B3D

Trichromacy



Original Color
2A413C

Protanomaly
373E3A

Deuteranomaly
393D3D

Tritanomaly
2B4042

Monochromacy



Original Color
2A413C

Achromatopsia
3A3A3A

Achromatomaly
343D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A413C 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 #2A413C looks like.

```
.text, #text, p{  
    color:#2A413C  
}
```

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 #2A413C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A413C
}
```

Border

The CSS property to change the border of an element to Hex 2A413C 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
#2A413C }
```

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

```
.border{ border-color:#2A413C }
```

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

Here you see how a box with a 4 pixel #2A413C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A413C; -webkit-box-shadow:4px 4px  
4px 4px #2A413C; box-shadow:4px 4px 4px  
4px #2A413C }
```

Background

The CSS property to change the background color of an element to Hex 2A413C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A413C }
```

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

```
.background{ background-color:#2A413C }
```

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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