

Converting Colors

Hex(2A422A)

Have a look what the booklet for
Hex(2A422A) contains.

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Color

Hex(2A422A)

Conversions

Conversions Part 1

Format	Color
Hex	2A422A
RGB	42, 66, 42
RGB Percent	16%, 26%, 16%
CMY	0.8353, 0.7412, 0.8353
CMYK	0.36, 0.00, 0.36, 0.74
HSL	120°, 22%, 21%
HSV	120°, 36%, 26%
XYZ	3.3210, 4.5558, 2.8948
YIQ	56.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

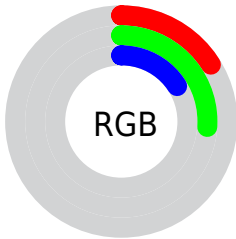
Format	Color
RYB	42, 66, 66
Decimal	2769450
CIELab	25.43, -15.12, 11.74
CIELCh	25, 19.139, 142.169
Yxy	4.5558, 0.3083, 0.4229
Android (android.graphics.Color)	4280959530 (0xFF2A422A)
YUV	56.0880, -6.9454, -12.3552
Hunter-Lab	21.3444, -9.5799, 6.8999

Details

The Hex color **2A422A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **422A42**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **587258**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **234223**, and if you desaturate by 10%, it is **314231**.

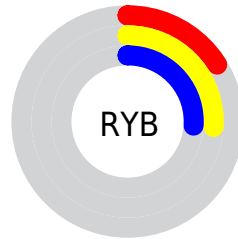
Distribution



Red (16%)

Green (26%)

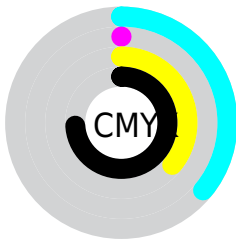
Blue (16%)



Red (16%)

Yellow (26%)

Blue (26%)

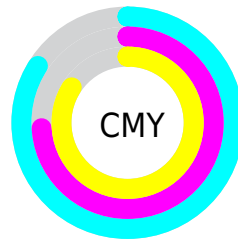


Cyan (36%)

Magenta (0%)

Yellow (36%)

Black (74%)



Cyan (84%)

Magenta (74%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A422A 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 2A422A by changing the saturation by 10% instead.

■ 2A422A

■ 2A422A

FFFFFF

■ 142C15

■ 587258

■ 001800

■ 718C70

■ 000000

■ 8BA689

■ A5C1A4

■ C1DDBF

■ DDFADB

■ F9FFF7

■ 2A422A

■ 2A422A

■ 234223

■ 314231

■ 1D421D

■ 374237

■ 164216

■ 3E423E

■ 104210

■ 444244

■ 094209

■ 4B424B

■ 024202

■ 524252

■ 004200

■ 584258

■ 5F425F

■ 654265

Harmonies

Analogous

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



3B3F21



2A422A



164438

Triad

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



2A422A



203F59



583132

Complementary

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



2A422A



422A42

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.



563141



2A422A



383A57

Square

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



2A422A



014253



4B354E



543526

Rectangle

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



2A422A



054442



4B354E



583137

Sweetspot

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



2A422A



4D574D



42422A



262B26



ABABAB



2B2B2B

Same Dimension

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



2A422A



315731



2A4236



1E211E



006100



00E000

Inverse Universe

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



422A42



573157



422A36



211E21



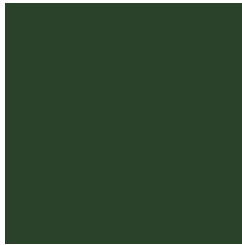
610061



E000E0

Previews

White Background



This preview shows how the Hex color 2A422A looks on a white background.

Color Contrast Check

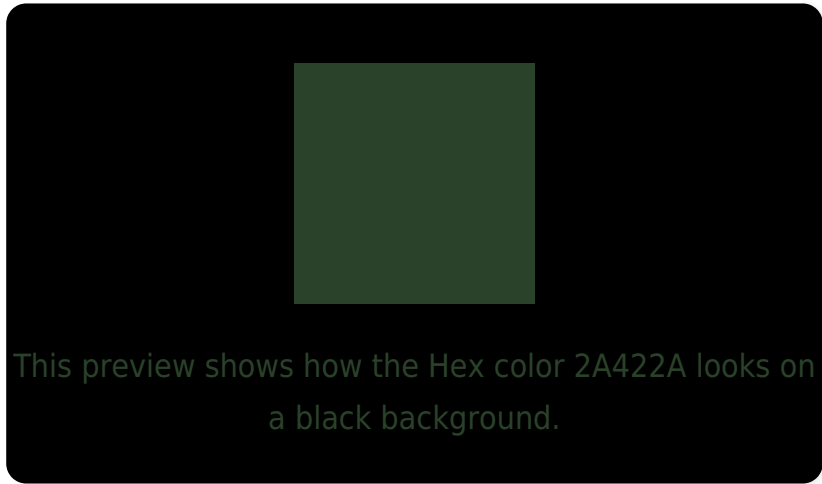
Large Text (above 18pt) WCAG AA ✓ Pass

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

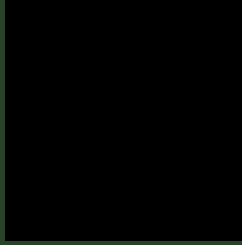
Any Text WCAG AA × Fail

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 2A422A Background



This preview shows how black text looks on a background with the Hex color 2A422A.



This preview shows how white text looks on a background with the Hex color 2A422A.

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
2A422A

Protanopia
413C28

Deuteranopia
473A2C



Tritanopia
2F3F44

Trichromacy



Original Color

2A422A

Protanomaly

393E29

Deuteranomaly

3C3D2B

Tritanomaly

2D403B

Monochromacy



Original Color

2A422A

Achromatopsia

383838

Achromatomaly

333C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A422A 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 #2A422A looks like.

```
.text, #text, p{  
    color:#2A422A  
}
```

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 #2A422A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A422A
}
```

Border

The CSS property to change the border of an element to Hex 2A422A is called "border". The border property can be set on classes, ids or directly on the HTML element.

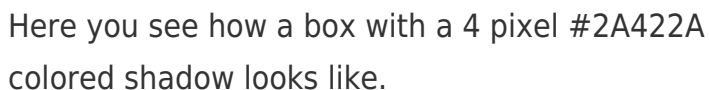
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A422A }
```

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

```
.border{ border-color:#2A422A }
```

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



Here you see how a box with a 4 pixel #2A422A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A422A; -webkit-box-shadow:4px 4px  
4px 4px #2A422A; box-shadow:4px 4px 4px  
4px #2A422A }
```

Background

The CSS property to change the background color of an element to Hex 2A422A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A422A }
```

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

```
.background{ background-color:#2A422A }
```

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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