

Converting Colors

Hex(2A472B)

Have a look what the booklet for
Hex(2A472B) contains.

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Color

Hex(2A472B)

Conversions

Conversions Part 1

Format	Color
Hex	2A472B
RGB	42, 71, 43
RGB Percent	16%, 28%, 17%
CMY	0.8353, 0.7216, 0.8314
CMYK	0.41, 0.00, 0.39, 0.72
HSL	122°, 26%, 22%
HSV	122°, 41%, 28%
XYZ	3.6441, 5.1731, 3.0919
YIQ	59.1370, -8.2960, -14.8560

Conversions

Conversions Part 2

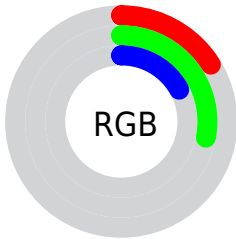
Format	Color
RYB	42, 70, 71
Decimal	2770731
CIELab	27.22, -17.70, 13.50
CIELCh	27, 22.267, 142.666
Yxy	5.1731, 0.3060, 0.4344
Android (android.graphics.Color)	4280960811 (0xFF2A472B)
YUV	59.1370, -7.9555, -15.0291
Hunter-Lab	22.7445, -11.2037, 7.8611

Details

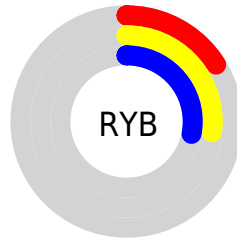
The Hex color **2A472B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **472A46**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **597859**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **234724**, and if you desaturate by 10%, it is **314732**.

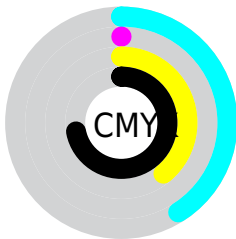
Distribution



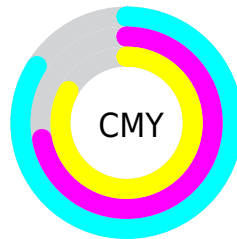
- Red (16%)
- Green (28%)
- Blue (17%)



- Red (16%)
- Yellow (27%)
- Blue (28%)



- Cyan (41%)
- Magenta (0%)
- Yellow (39%)
- Black (72%)



- Cyan (84%)
- Magenta (72%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A472B 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 2A472B by changing the saturation by 10% instead.



2A472B



2A472B

FFFFFF



143016



597859



001C00



729171



000000



8CAC8B



A6C7A5



C1E4C0



DEFFDC



FAFFF9



2A472B



2A472B

■ 234724

■ 314732

■ 1C471D

■ 384739

■ 154716

■ 3F4740

■ 0E4710

■ 464746

■ 064709

■ 4E474D

■ 004702

■ 554754

■ 5C475B

■ 634762

■ 6A4769

Harmonies

Analogous

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



3E4320



2A472B



0F493B

Triad

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



2A472B



1C4362



613334

Complementary

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



2A472B



472A46

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.



5E3345



2A472B



3C3D60

Square

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



2A472B



00475B



523755



5B3826

Rectangle

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



2A472B



004947



523755



61333A

Sweetspot

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



2A472B



515C51



46472A



272E28



ADADAD



2E2E2E

Same Dimension

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



2A472B



2F5C30



2A4739



202420



006303



00E308

Inverse Universe

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



472A46



5C2F5A



472A38



242024



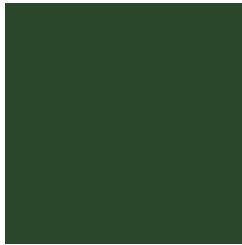
630060



E300DB

Previews

White Background



This preview shows how the Hex color 2A472B looks on a white background.

Color Contrast Check

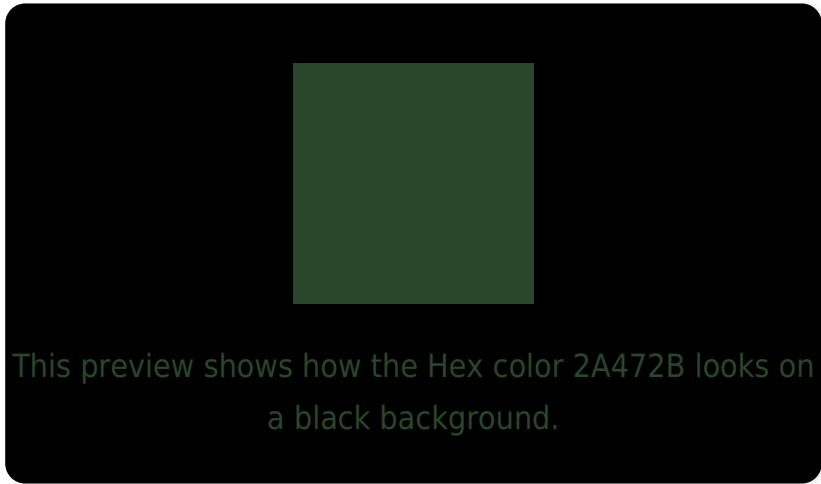
Large Text (above 18pt) WCAG AA ✓ Pass

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

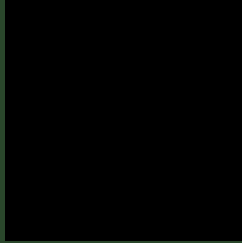
Any Text WCAG AA × Fail

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 2A472B Background



This preview shows how black text looks on a background with the Hex color 2A472B.

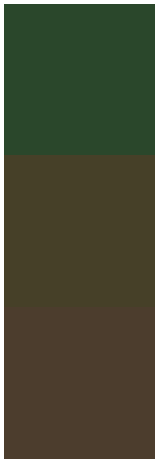


This preview shows how white text looks on a background with the Hex color 2A472B.

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](#).

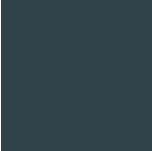
Dichromacy



Original Color
2A472B

Protanopia
464028

Deuteranopia
4C3D2D



Tritanopia
304349

Trichromacy



Original Color
2A472B

Protanomaly
3C4329

Deuteranomaly
40412C

Tritanomaly
2E443E

Monochromacy



Original Color
2A472B

Achromatopsia
3B3B3B

Achromatomaly
353F35

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A472B 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 #2A472B looks like.

```
.text, #text, p{  
    color:#2A472B  
}
```

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 #2A472B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A472B
}
```

Border

The CSS property to change the border of an element to Hex 2A472B is called "border". The border property can be set on classes, ids or directly on the HTML element.

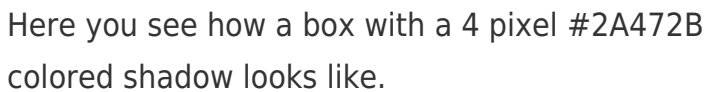
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A472B }
```

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

```
.border{ border-color:#2A472B }
```

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



Here you see how a box with a 4 pixel #2A472B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A472B; -webkit-box-shadow:4px 4px  
4px 4px #2A472B; box-shadow:4px 4px 4px  
4px #2A472B }
```

Background

The CSS property to change the background color of an element to Hex 2A472B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A472B }
```

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

```
.background{ background-color:#2A472B }
```

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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