

Converting Colors

Hex(2B472D)

Have a look what the booklet for
Hex(2B472D) contains.

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Color

Hex(2B472D)

Conversions

Conversions Part 1

Format	Color
Hex	2B472D
RGB	43, 71, 45
RGB Percent	17%, 28%, 18%
CMY	0.8314, 0.7216, 0.8235
CMYK	0.39, 0.00, 0.37, 0.72
HSL	124°, 25%, 22%
HSV	124°, 39%, 28%
XYZ	3.7232, 5.2095, 3.2919
YIQ	59.6640, -8.3420, -14.0220

Conversions

Conversions Part 2

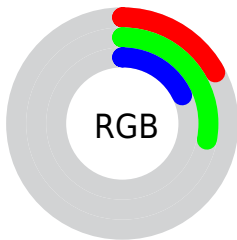
Format	Color
RYB	43, 69, 71
Decimal	2836269
CIELab	27.32, -16.93, 12.39
CIELCh	27, 20.980, 143.802
Yxy	5.2095, 0.3046, 0.4262
Android (android.graphics.Color)	4281026349 (0xFF2B472D)
YUV	59.6640, -7.2294, -14.6143
Hunter-Lab	22.8244, -10.8255, 7.4258

Details

The Hex color **2B472D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **472B45**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5A785B**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **244726**, and if you desaturate by 10%, it is **324734**.

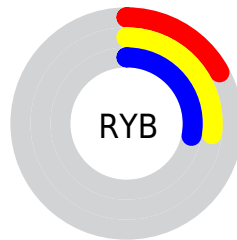
Distribution



Red (17%)

Green (28%)

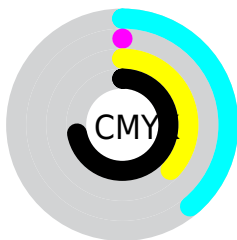
Blue (18%)



Red (17%)

Yellow (27%)

Blue (28%)

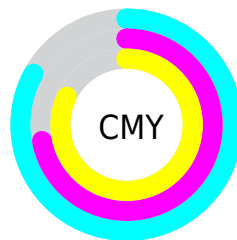


Cyan (39%)

Magenta (0%)

Yellow (37%)

Black (72%)



Cyan (83%)

Magenta (72%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B472D 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 2B472D by changing the saturation by 10% instead.

 2B472D

 2B472D

FFFFFF

 153018

 5A785B

 001C00

 739174

 000000

 8DAC8D

 A7C7A8

 C2E3C3

 DFFFDF

 FBFFFB

 2B472D

 2B472D

■ 244726

■ 324734

■ 1D4720

■ 39473A

■ 164719

■ 404741

■ 0F4713

■ 474747

■ 08470C

■ 4F474E

■ 004705

■ 564755

■ 5D475B

■ 644762

■ 6B4768

Harmonies

Analogous

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



3E4322



2B472D



13493D

Triad

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



2B472D



214360



5F3534

Complementary

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



2B472D



472B45

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.



5D3445



2B472D



3D3E5E

Square

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



2B472D



00475A



513854



5A3927

Rectangle

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



2B472D



004948



513854



60343A

Sweetspot

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



2B472D



515C52



45472B



272E28



ADADAD



2E2E2E

Same Dimension

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



2B472D



315C34



2B473B



202420



006307



00E310

Inverse Universe

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



472B45



5C3159



472B37



242023



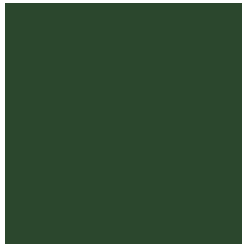
63005C



E300D3

Previews

White Background



This preview shows how the Hex color 2B472D looks on a white background.

Color Contrast Check

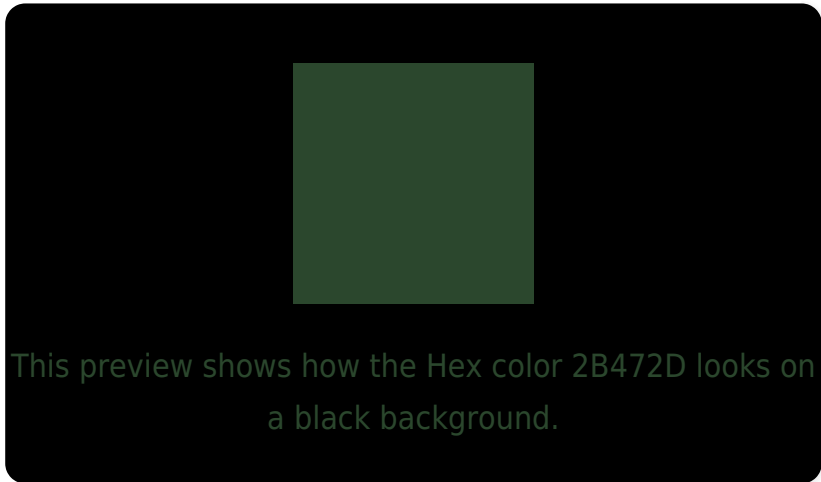
Large Text (above 18pt) WCAG AA ✓ Pass

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

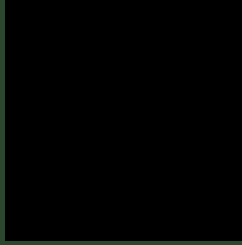
Any Text WCAG AA × Fail

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 2B472D Background



This preview shows how black text looks on a background with the Hex color 2B472D.



This preview shows how white text looks on a background with the Hex color 2B472D.

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](#).

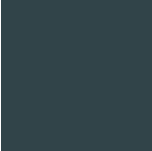
Dichromacy



Original Color
2B472D

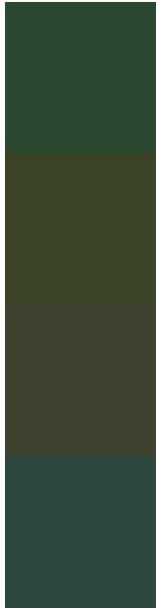
Protanopia
46402A

Deuteranopia
4C3E2F



Tritanopia
314449

Trichromacy



Original Color
2B472D

Protanomaly
3C432B

Deuteranomaly
40412E

Tritanomaly
2F453F

Monochromacy



Original Color
2B472D

Achromatopsia
3C3C3C

Achromatomaly
364037

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B472D 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 #2B472D looks like.

```
.text, #text, p{  
    color:#2B472D  
}
```

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 #2B472D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B472D
}
```

Border

The CSS property to change the border of an element to Hex 2B472D 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".

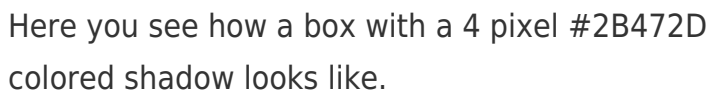
```
.border, #border, table{ border:4px solid
#2B472D }
```

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

```
.border{ border-color:#2B472D }
```

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

Here you see how a box with a 4 pixel #2B472D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B472D; -webkit-box-shadow:4px 4px  
4px 4px #2B472D; box-shadow:4px 4px 4px  
4px #2B472D }
```

Background

The CSS property to change the background color of an element to Hex 2B472D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B472D }
```

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

```
.background{ background-color:#2B472D }
```

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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