

Converting Colors

Hex(2B473B)

Have a look what the booklet for
Hex(2B473B) contains.

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Color

Hex(2B473B)

Conversions

Conversions Part 1

Format	Color
Hex	2B473B
RGB	43, 71, 59
RGB Percent	17%, 28%, 23%
CMY	0.8314, 0.7216, 0.7686
CMYK	0.39, 0.00, 0.17, 0.72
HSL	154°, 25%, 22%
HSV	154°, 39%, 28%
XYZ	4.0389, 5.3358, 4.9547
YIQ	61.2600, -12.8360, -9.6680

Conversions

Conversions Part 2

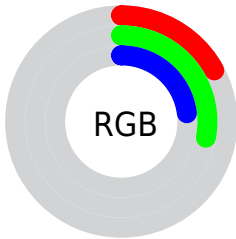
Format	Color
R_{YB}	43, 61, 71
Decimal	2836283
CIE Lab	27.67, -13.76, 3.89
CIE LCh	28, 14.297, 164.204
Yxy	5.3358, 0.2819, 0.3724
Android (android.graphics.Color)	4281026363 (0xFF2B473B)
YUV	61.2600, -1.1142, -16.0140
Hunter-Lab	23.0994, -9.2134, 3.4522

Details

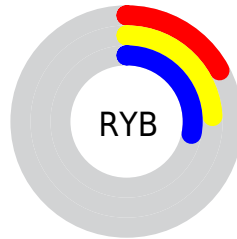
The Hex color **2B473B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **472B37**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5A786A**, and **001C11** is the 20% darker color. If you saturate the color by 10%, you get **244738**, and if you desaturate by 10%, it is **32473E**.

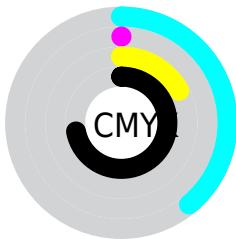
Distribution



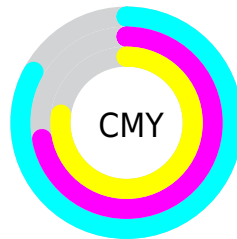
- Red (17%)
- Green (28%)
- Blue (23%)



- Red (17%)
- Yellow (24%)
- Blue (28%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (72%)



- Cyan (83%)
- Magenta (72%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B473B 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 2B473B by changing the saturation by 10% instead.

■ 2B473B

■ 2B473B

FFFFFF

■ 153025

■ 5A786A

■ 001C11

■ 739183

■ 000000

■ 8CAC9D

■ A7C7B8

■ C2E3D4

■ DEFFF0

■ FBFFFF

■ 2B473B

■ 2B473B

■ 244738

■ 32473E

■ 1D4735

■ 394741

■ 164732

■ 404744

■ 0F472F

■ 474747

■ 08472C

■ 4F474A

■ 004729

■ 56474D

■ 5D4750

■ 644753

■ 6B4756

Harmonies

Analogous

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



384531



2B473B



214746

Triad

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



2B473B



3B4156



553B33

Complementary

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



2B473B



472B37

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.



57393C



2B473B



493D51

Square

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



2B473B



2B4456



533A48



4E3F2C

Rectangle

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



2B473B



1F474D



533A48



573A36

Sweetspot

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



2B473B



515C57



37472B



272E2B



ADADAD



2E2E2E

Same Dimension

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



2B473B



315C49



2B4547



202422



006339



00E382

Inverse Universe

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



472B37



5C3143



472D2B



242022



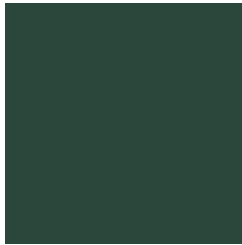
63002B



E30061

Previews

White Background



This preview shows how the Hex color 2B473B looks on a white background.

Color Contrast Check

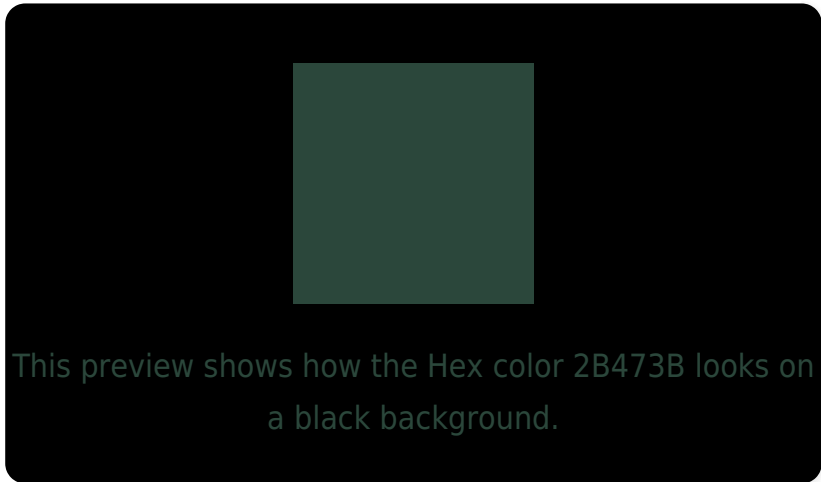
Large Text (above 18pt) WCAG AA ✓ Pass

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

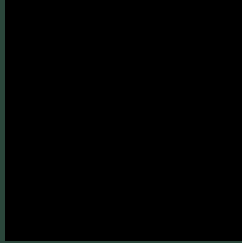
Any Text WCAG AA × Fail

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 2B473B Background



This preview shows how black text looks on a background with the Hex color 2B473B.



This preview shows how white text looks on a background with the Hex color 2B473B.

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](#).

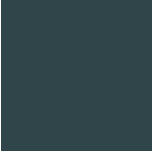
Dichromacy



Original Color
2B473B

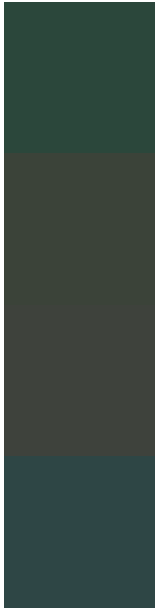
Protanopia
444138

Deuteranopia
493F3D



Tritanopia
2F454A

Trichromacy



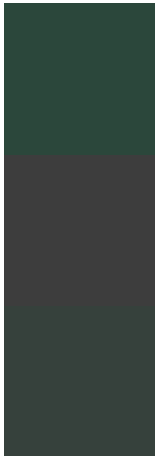
Original Color
2B473B

Protanomaly
3B4339

Deuteranomaly
3E423C

Tritanomaly
2E4645

Monochromacy



Original Color
2B473B

Achromatopsia
3D3D3D

Achromatomaly
36413C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B473B 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 #2B473B looks like.

```
.text, #text, p{  
    color:#2B473B  
}
```

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 #2B473B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B473B
}
```

Border

The CSS property to change the border of an element to Hex 2B473B 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".

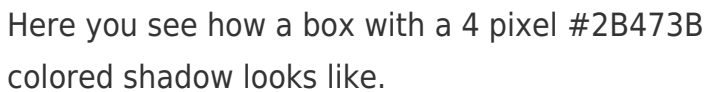
```
.border, #border, table{ border:4px solid
#2B473B }
```

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

```
.border{ border-color:#2B473B }
```

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

Here you see how a box with a 4 pixel #2B473B colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B473B; -webkit-box-shadow:4px 4px  
4px 4px #2B473B; box-shadow:4px 4px 4px  
4px #2B473B }
```

Background

The CSS property to change the background color of an element to Hex 2B473B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B473B }
```

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

```
.background{ background-color:#2B473B }
```

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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