

# Converting Colors

Hex(2B483C)

Have a look what the booklet for  
Hex(2B483C) contains.

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# Color

Hex(2B483C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2B483C
RGB	43, 72, 60
RGB Percent	17%, 28%, 24%
CMY	0.8314, 0.7176, 0.7647
CMYK	0.40, 0.00, 0.17, 0.72
HSL	155°, 25%, 23%
HSV	155°, 40%, 28%
XYZ	4.1292, 5.4746, 5.1140
YIQ	61.9610, -13.4320, -9.8800

# Conversions

## Conversions Part 2

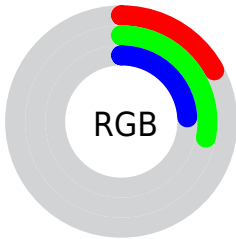
Format	Color
R <sub>Y</sub> B	43, 61, 72
Decimal	2836540
CIE Lab	28.05, -14.08, 3.78
CIE LCh	28, 14.582, 164.970
Yxy	5.4746, 0.2806, 0.3720
Android (android.graphics.Color)	4281026620 (0xFF2B483C)
YUV	61.9610, -0.9668, -16.6288
Hunter-Lab	23.3978, -9.4445, 3.4195

# Details

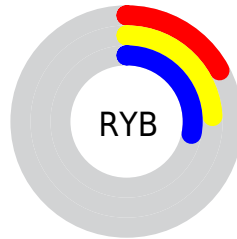
The Hex color **2B483C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **482B37**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5A796B**, and **001D12** is the 20% darker color. If you saturate the color by 10%, you get **244839**, and if you desaturate by 10%, it is **32483F**.

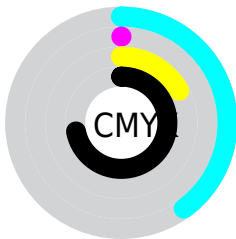
# Distribution



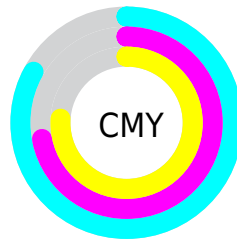
- Red (17%)
- Green (28%)
- Blue (24%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (17%)
- Black (72%)



- Cyan (83%)
- Magenta (72%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B483C 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 2B483C by changing the saturation by 10% instead.





2B483C



2B483C

FFFFFF



153126



5A796B



001D12



739284



000000



8DAD9F



A7C8B9



C3E5D5



DFFFF2



FBFFFF



2B483C



2B483C

■ 244839

■ 32483F

■ 1D4836

■ 394842

■ 154833

■ 414845

■ 0E4830

■ 484848

■ 07482D

■ 4F484B

■ 00482A

■ 56484E

■ 5D4851

■ 654854

■ 6C4857

# Harmonies

## Analogous

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



384632



2B483C



214848

# Triad

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



2B483C



3C4158



573C33

# Complementary

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



2B483C



482B37

# 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.



593A3D



2B483C



4B3D52

# Square

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



2B483C



2C4558



553B48



4F402D

# Rectangle

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



2B483C



1F484F



553B48



583B36



# Sweetspot

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



2B483C



535E5A



37482B



2A302E



B0B0B0



303030



# Same Dimension

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



2B483C



315E4C



2B4648



202422



00633A



00E385



# Inverse Universe

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



482B37



5E3144



482D2B



242022



630029



E3005E



# Previews

## White Background



This preview shows how the Hex color 2B483C looks on a white background.

## Color Contrast Check

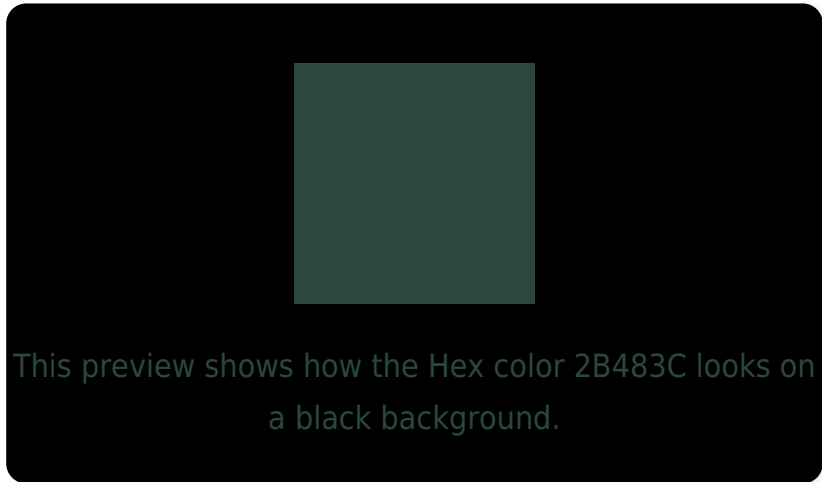
Large Text (above 18pt) WCAG AA ✓ Pass

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

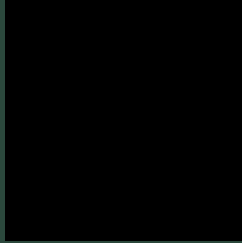
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B483C Background



This preview shows how black text looks on a background with the Hex color 2B483C.



This preview shows how white text looks on a background with the Hex color 2B483C.

# 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**  
2B483C

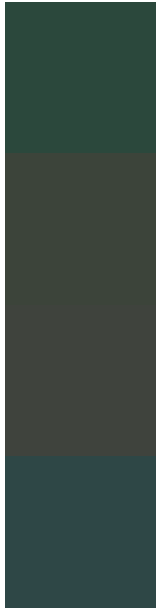
**Protanopia**  
454239

**Deuteranopia**  
4A403E



**Tritanopia**  
2F464B

# Trichromacy



**Original Color**  
2B483C

**Protanomaly**  
3C443A

**Deuteranomaly**  
3F433D

**Tritanomaly**  
2E4746

# Monochromacy



**Original Color**  
2B483C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
37423D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B483C 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 #2B483C looks like.

```
.text, #text, p{  
    color:#2B483C  
}
```

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 #2B483C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B483C
}
```

## Border

The CSS property to change the border of an element to Hex 2B483C 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".

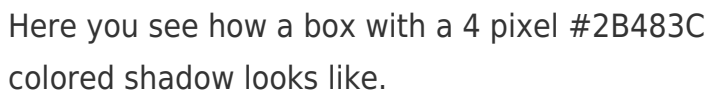
```
.border, #border, table{ border:4px solid
#2B483C }
```

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

```
.border{ border-color:#2B483C }
```

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

Here you see how a box with a 4 pixel #2B483C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B483C; -webkit-box-shadow:4px 4px  
4px 4px #2B483C; box-shadow:4px 4px 4px  
4px #2B483C }
```

# Background

The CSS property to change the background color of an element to Hex 2B483C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B483C }
```

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

```
.background{ background-color:#2B483C }
```

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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