

# Converting Colors

Hex(2D4C39)

Have a look what the booklet for  
Hex(2D4C39) contains.

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# Color

Hex(2D4C39)

# Conversions

## Conversions Part 1

Format	Color
Hex	2D4C39
RGB	45, 76, 57
RGB Percent	18%, 30%, 22%
CMY	0.8235, 0.7020, 0.7765
CMYK	0.41, 0.00, 0.25, 0.70
HSL	143°, 26%, 24%
HSV	143°, 41%, 30%
XYZ	4.4051, 6.0222, 4.8011
YIQ	64.5650, -12.3770, -12.4810

# Conversions

## Conversions Part 2

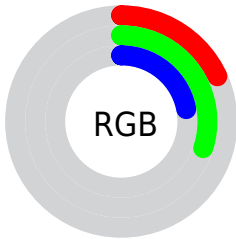
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 67, 76
Decimal	2968633
CIELab	29.47, -16.38, 7.74
CIELCh	29, 18.117, 154.722
Yxy	6.0222, 0.2893, 0.3955
Android (android.graphics.Color)	4281158713 (0xFF2D4C39)
YUV	64.5650, -3.7295, -17.1585
Hunter-Lab	24.5401, -10.9031, 5.5784

# Details

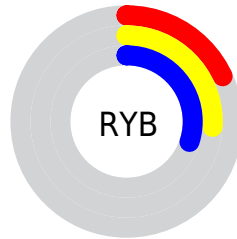
The Hex color **2D4C39** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C2D40**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5C7D68**, and **00200E** is the 20% darker color. If you saturate the color by 10%, you get **254C34**, and if you desaturate by 10%, it is **354C3E**.

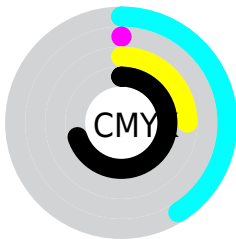
# Distribution



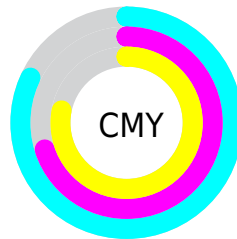
- Red (18%)
- Green (30%)
- Blue (22%)



- Red (18%)
- Yellow (26%)
- Blue (30%)



- Cyan (41%)
- Magenta (0%)
- Yellow (25%)
- Black (70%)



- Cyan (82%)
- Magenta (70%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D4C39 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 2D4C39 by changing the saturation by 10% instead.





2D4C39



2D4C39

FFFFFF



173523



5C7D68



00200E



759781



000000



8FB29B



AACDB6



C5EAD2



E1FFEE



FEFFFF



2D4C39



2D4C39

■ 254C34

■ 354C3E

■ 1E4C30

■ 3C4C42

■ 164C2B

■ 444C47

■ 0F4C26

■ 4B4C4C

■ 074C22

■ 534C50

■ 004C1D

■ 5B4C55

■ 624C5A

■ 6A4C5E

■ 714C63

# Harmonies

## Analogous

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



3E492E



2D4C39



1C4D47

# Triad

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



2D4C39



364661



603C36

# Complementary

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



2D4C39



4C2D40

# 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.



603B44



2D4C39



4A415C

# Square

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



2D4C39



1F4A5E



593D52



59402C

# Rectangle

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



2D4C39



144D51



593D52



613B3A



# Sweetspot

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



2D4C39



58635C



404C2D



2C332F



B3B3B3



333333



# Same Dimension

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



2D4C39



336346



2D4C48



222624



006627



00E659



# Inverse Universe

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



4C2D40



633351



4C2D31



262225



66003F

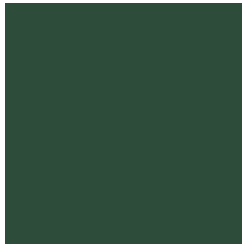


E6008D



# Previews

## White Background



This preview shows how the Hex color 2D4C39 looks on a white background.

## Color Contrast Check

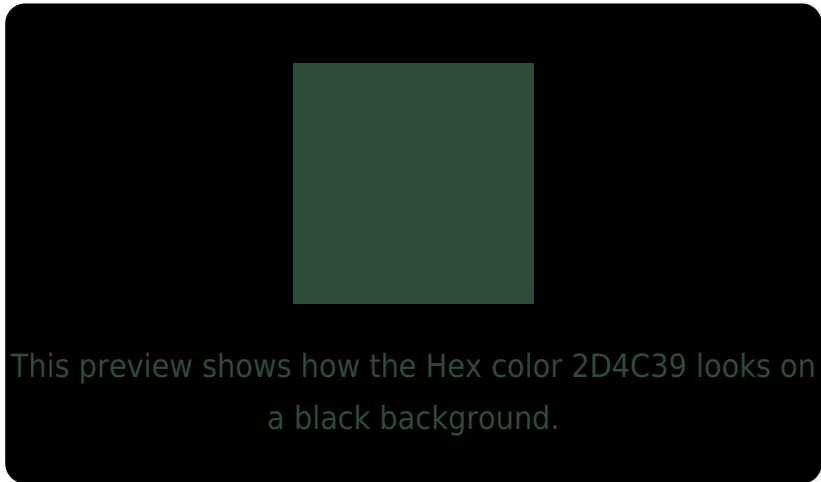
Large Text (above 18pt) WCAG AA ✓ Pass

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

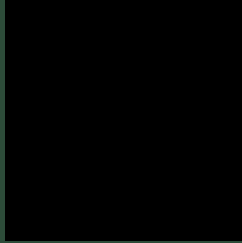
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2D4C39 Background



This preview shows how black text looks on a background with the Hex color 2D4C39.



This preview shows how white text looks on a background with the Hex color 2D4C39.

# 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](#).

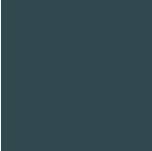
## Dichromacy



**Original Color**  
2D4C39

**Protanopia**  
4A4536

**Deuteranopia**  
50433B



**Tritanopia**  
32494F

# Trichromacy



**Original Color**  
2D4C39

**Protanomaly**  
3F4837

**Deuteranomaly**  
43463A

**Tritanomaly**  
304A47

# Monochromacy



**Original Color**  
2D4C39

**Achromatopsia**  
414141

**Achromatomaly**  
3A453E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D4C39 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 #2D4C39 looks like.

```
.text, #text, p{  
    color:#2D4C39  
}
```

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 #2D4C39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4C39
}
```

## Border

The CSS property to change the border of an element to Hex 2D4C39 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
#2D4C39 }
```

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

```
.border{ border-color:#2D4C39 }
```

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

Here you see how a box with a 4 pixel #2D4C39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4C39; -webkit-box-shadow:4px 4px  
4px 4px #2D4C39; box-shadow:4px 4px 4px  
4px #2D4C39 }
```

# Background

The CSS property to change the background color of an element to Hex 2D4C39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4C39 }
```

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

```
.background{ background-color:#2D4C39 }
```

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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