

# Converting Colors

Hex(2C4F31)

Have a look what the booklet for  
Hex(2C4F31) contains.

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# Color

**Hex(2C4F31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C4F31
RGB	44, 79, 49
RGB Percent	17%, 31%, 19%
CMY	0.8275, 0.6902, 0.8078
CMYK	0.44, 0.00, 0.38, 0.69
HSL	129°, 28%, 24%
HSV	129°, 44%, 31%
XYZ	4.3891, 6.3492, 3.8999
YIQ	65.1150, -11.2300, -16.7500

# Conversions

## Conversions Part 2

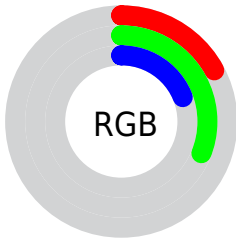
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 75, 79
Decimal	2903857
CIELab	30.28, -20.09, 13.86
CIELCh	30, 24.405, 145.392
Yxy	6.3492, 0.2998, 0.4337
Android (android.graphics.Color)	4281093937 (0xFF2C4F31)
YUV	65.1150, -7.9447, -18.5179
Hunter-Lab	25.1976, -13.0036, 8.4618

# Details

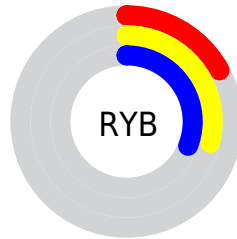
The Hex color **2C4F31** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F2C4A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5C805F**, and **002203** is the 20% darker color. If you saturate the color by 10%, you get **244F2A**, and if you desaturate by 10%, it is **344F38**.

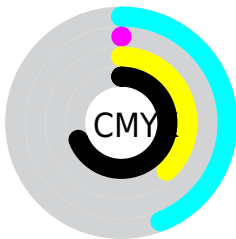
# Distribution



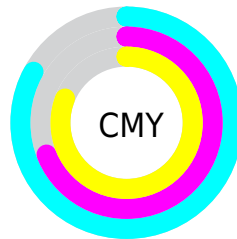
- Red (17%)
- Green (31%)
- Blue (19%)



- Red (17%)
- Yellow (29%)
- Blue (31%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (69%)



- Cyan (83%)
- Magenta (69%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C4F31 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 2C4F31 by changing the saturation by 10% instead.



 2C4F31

 2C4F31


FFFFFF

 15381C

 5C805F

 002203

 759B78

 000200

 8FB592

 000000

 AAD1AD

 C5EDC8

 E1FFE4

FEFFFF

 2C4F31

 2C4F31

■ 244F2A

■ 344F38

■ 1C4F23

■ 3C4F3F

■ 144F1D

■ 444F45

■ 0C4F16

■ 4C4F4C

■ 044F0F

■ 544F53

■ 004F0B

■ 5B4F5A

■ 634F60

■ 6B4F67

■ 734F6E

# Harmonies

## Analogous

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



434B24



2C4F31



095144

# Triad

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



2C4F31



224A6D



6B3938

# Complementary

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



2C4F31



4F2C4A

# 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.



69384B



2C4F31



45436A

# Square

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



2C4F31



004F66



5C3C5D



643E29

# Rectangle

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



2C4F31



005151



5C3C5D



6C383E



# Sweetspot

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



2C4F31



59665B



4A4F2C



2B332C



B3B3B3



333333



# Same Dimension

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



2C4F31



306638



2C4F42



222623



00660F



00E621



# Inverse Universe

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



4F2C4A



66305E



4F2C39



262226



660057

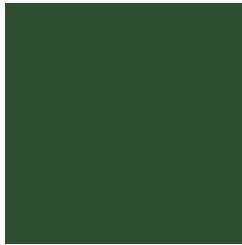


E600C5



# Previews

## White Background



This preview shows how the Hex color 2C4F31 looks on a white background.

## Color Contrast Check

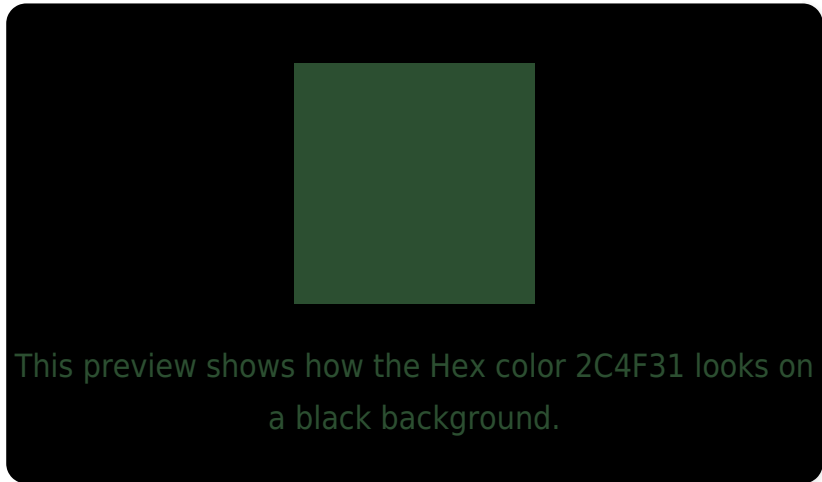
Large Text (above 18pt) WCAG AA ✓ Pass

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

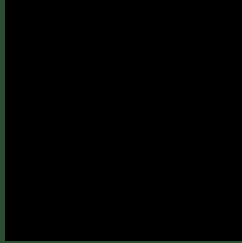
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C4F31 Background



This preview shows how black text looks on a background with the Hex color 2C4F31.



This preview shows how white text looks on a background with the Hex color 2C4F31.

# 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**  
2C4F31

**Protanopia**  
4D472E

**Deuteranopia**  
544433



**Tritanopia**  
334B51

# Trichromacy



**Original Color**  
2C4F31

**Protanomaly**  
414A2F

**Deuteranomaly**  
454832

**Tritanomaly**  
304C45

# Monochromacy



**Original Color**  
2C4F31

**Achromatopsia**  
414141

**Achromatomaly**  
39463B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C4F31 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 #2C4F31 looks like.

```
.text, #text, p{  
    color:#2C4F31  
}
```

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 #2C4F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4F31
}
```

## Border

The CSS property to change the border of an element to Hex 2C4F31 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".

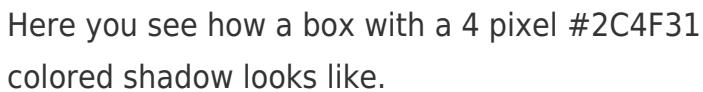
```
.border, #border, table{ border:4px solid
#2C4F31 }
```

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

```
.border{ border-color:#2C4F31 }
```

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

Here you see how a box with a 4 pixel #2C4F31 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4F31; -webkit-box-shadow:4px 4px  
4px 4px #2C4F31; box-shadow:4px 4px 4px  
4px #2C4F31 }
```

# Background

The CSS property to change the background color of an element to Hex 2C4F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4F31 }
```

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

```
.background{ background-color:#2C4F31 }
```

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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