

# Converting Colors

Hex(2B3A2F)

Have a look what the booklet for  
Hex(2B3A2F) contains.

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# Color

Hex(2B3A2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	2B3A2F
RGB	43, 58, 47
RGB Percent	17%, 23%, 18%
CMY	0.8314, 0.7725, 0.8157
CMYK	0.26, 0.00, 0.19, 0.77
HSL	136°, 15%, 20%
HSV	136°, 26%, 23%
XYZ	3.0224, 3.7449, 3.2529
YIQ	52.2610, -5.4090, -6.6010

# Conversions

## Conversions Part 2

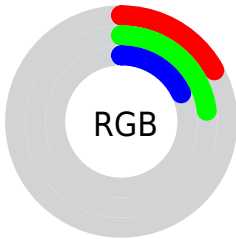
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 55, 58
Decimal	2832943
CIE <sub>Lab</sub>	22.81, -8.88, 4.86
CIE <sub>LCh</sub>	23, 10.117, 151.321
Yxy	3.7449, 0.3016, 0.3737
Android (android.graphics.Color)	4281023023 (0xFF2B3A2F)
YUV	52.2610, -2.5937, -8.1219
Hunter-Lab	19.3518, -5.9873, 3.5802

# Details

The Hex color **2B3A2F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A2B36**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **59695D**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **253A2B**, and if you desaturate by 10%, it is **313A33**.

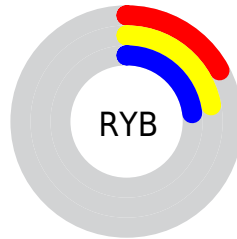
# Distribution



Red (17%)

Green (23%)

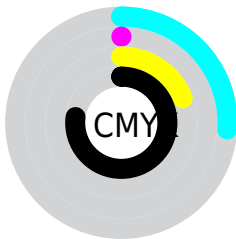
Blue (18%)



Red (17%)

Yellow (22%)

Blue (23%)

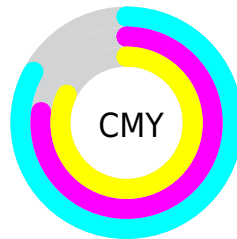


Cyan (26%)

Magenta (0%)

Yellow (19%)

Black (77%)



Cyan (83%)

Magenta (77%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B3A2F 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 2B3A2F by changing the saturation by 10% instead.





2B3A2F



2B3A2F

FFFFFF



16241A



59695D



001000



718275



000000



8B9C8F



A5B7AA



C0D3C5



DCEFE1



F9FFFD



2B3A2F



2B3A2F

■ 253A2B

■ 313A33

■ 1F3A26

■ 373A38

■ 1A3A22

■ 3C3A3C

■ 143A1E

■ 423A40

■ 0E3A1A

■ 483A44

■ 083A15

■ 4E3A49

■ 023A11

■ 543A4D

■ 003A0F

■ 593A51

■ 5F3A55

# Harmonies

## Analogous

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



343829



2B3A2F



243B37

# Triad

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



2B3A2F



2E3745



46322F

# Complementary

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



2B3A2F



3A2B36

# 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.



453136



2B3A2F



383443

# Square

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



2B3A2F



253943



40323E



423429

# Rectangle

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



2B3A2F



213B3C



40323E



463131



# Sweetspot

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



2B3A2F



464D48



363A2B



222623



A6A6A6



262626



# Same Dimension

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



2B3A2F



354D3B



2B3A37



191C1A



005C18



00DB3A



# Inverse Universe

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



3A2B36



4D3546



3A2B2F



1C191B



5C0043

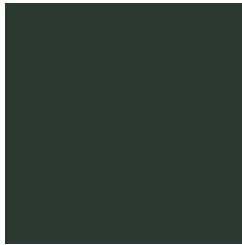


DB00A1



# Previews

## White Background



This preview shows how the Hex color 2B3A2F looks on a white background.

## Color Contrast Check

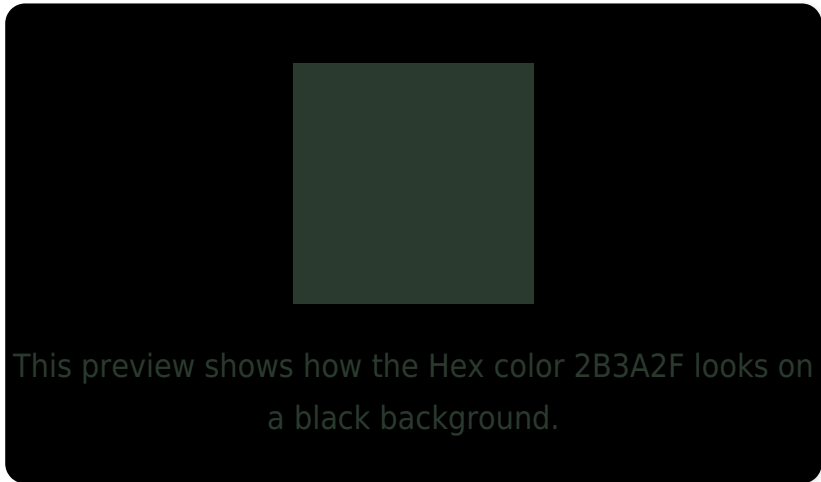
Large Text (above 18pt) WCAG AA ✓ Pass

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

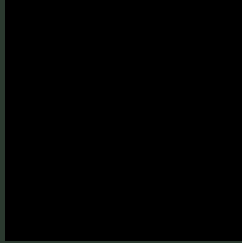
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B3A2F Background



This preview shows how black text looks on a background with the Hex color 2B3A2F.

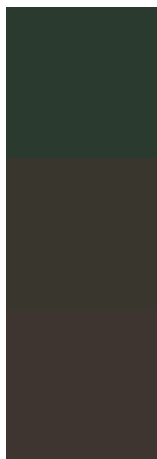


This preview shows how white text looks on a background with the Hex color 2B3A2F.

# 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](#).

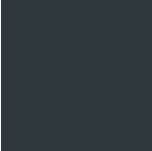
## Dichromacy



**Original Color**  
2B3A2F

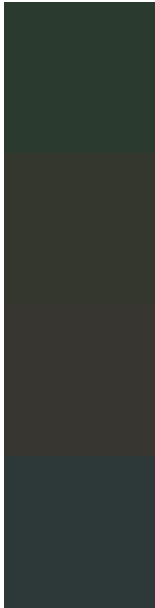
**Protanopia**  
39362D

**Deuteranopia**  
3E3430



**Tritanopia**  
2E383D

# Trichromacy



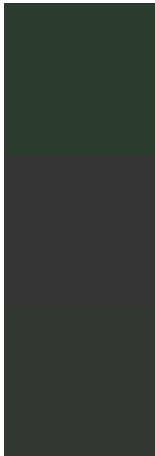
**Original Color**  
2B3A2F

**Protanomaly**  
34372E

**Deuteranomaly**  
373630

**Tritanomaly**  
2D3938

# Monochromacy



**Original Color**  
2B3A2F

**Achromatopsia**  
343434

**Achromatomaly**  
313632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B3A2F 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 #2B3A2F looks like.

```
.text, #text, p{  
    color:#2B3A2F  
}
```

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 #2B3A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3A2F
}
```

## Border

The CSS property to change the border of an element to Hex 2B3A2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

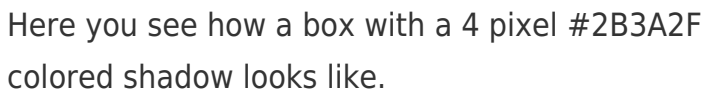
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3A2F }
```

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

```
.border{ border-color:#2B3A2F }
```

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



Here you see how a box with a 4 pixel #2B3A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3A2F; -webkit-box-shadow:4px 4px  
4px 4px #2B3A2F; box-shadow:4px 4px 4px  
4px #2B3A2F }
```

# Background

The CSS property to change the background color of an element to Hex 2B3A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3A2F }
```

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

```
.background{ background-color:#2B3A2F }
```

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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