

Converting Colors

Hex(2B3F47)

Have a look what the booklet for
Hex(2B3F47) contains.

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Color

Hex(2B3F47)

Conversions

Conversions Part 1

Format	Color
Hex	2B3F47
RGB	43, 63, 71
RGB Percent	17%, 25%, 28%
CMY	0.8314, 0.7529, 0.7216
CMYK	0.39, 0.11, 0.00, 0.72
HSL	197°, 25%, 22%
HSV	197°, 39%, 28%
XYZ	3.9111, 4.5235, 6.6282
YIQ	57.9320, -14.4880, -1.7520

Conversions

Conversions Part 2

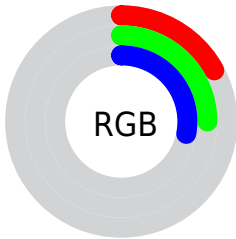
Format	Color
RYB	43, 55, 71
Decimal	2834247
CIELab	25.33, -5.53, -7.41
CIELCh	25, 9.252, 233.260
Yxy	4.5235, 0.2597, 0.3003
Android (android.graphics.Color)	4281024327 (0xFF2B3F47)
YUV	57.9320, 6.4425, -13.0954
Hunter-Lab	21.2686, -4.3956, -3.5893

Details

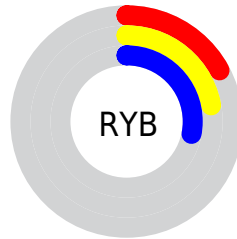
The Hex color **2B3F47** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47332B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5A6F77**, and **00151C** is the 20% darker color. If you saturate the color by 10%, you get **243D47**, and if you desaturate by 10%, it is **324147**.

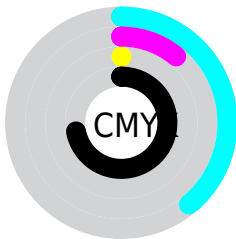
Distribution



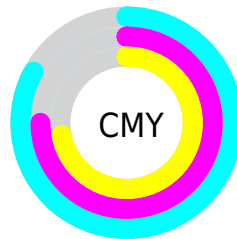
- Red (17%)
- Green (25%)
- Blue (28%)



- Red (17%)
- Yellow (22%)
- Blue (28%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (72%)



- Cyan (83%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3F47 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 2B3F47 by changing the saturation by 10% instead.

■ 2B3F47

■ 2B3F47

FFFFFF

■ 152931

■ 5A6F77

■ 00151C

■ 738891

■ 000000

■ 8CA2AC

■ A7BDC7

■ C2D9E3

■ DEF5FF

■ FBFFFF

■ 2B3F47

■ 2B3F47

■ 243D47

■ 324147

■ 1D3B47

■ 394347

■ 163947

■ 404547

■ 0F3747

■ 474747

■ 083547

■ 4F4947

■ 003347

■ 564B47

■ 5D4D47

■ 644F47

■ 6B5147

Harmonies

Analogous

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



294041



2B3F47



323D4A

Triad

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



2B3F47



49373E



3C3D2F

Complementary

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



2B3F47



47332B

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.



433B2E



2B3F47



4B3737

Square

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



2B3F47



443944



483931



343F34

Rectangle

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



2B3F47



383C4A



483931



3E3D2E

Sweetspot

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



2B3F47



51595C



2B4733



272C2E



ADADAD



2E2E2E

Same Dimension

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



2B3F47



314F5C



2B3147



202324



004763



00A2E3

Inverse Universe

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



472B3F



5C314F



47412B



242023



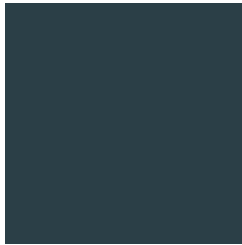
630047



E300A2

Previews

White Background



This preview shows how the Hex color 2B3F47 looks on a white background.

Color Contrast Check

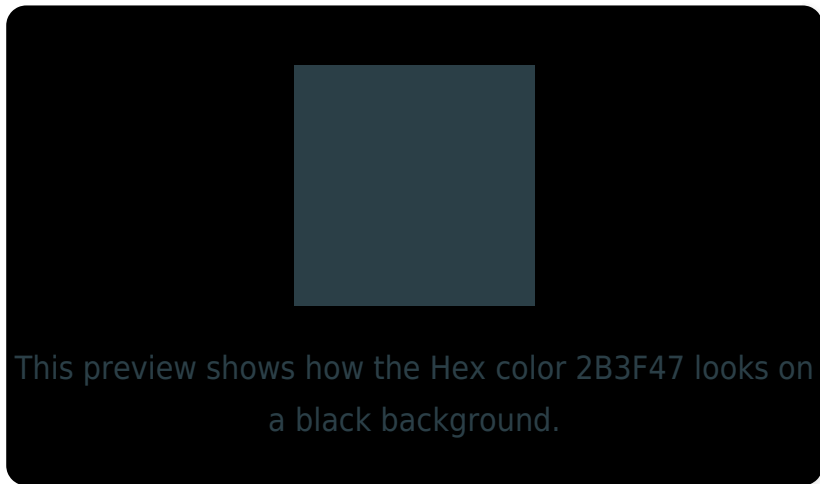
Large Text (above 18pt) WCAG AA ✓ Pass

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

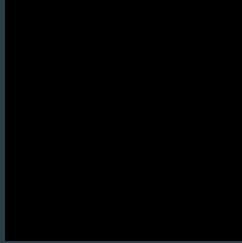
Any Text WCAG AA × Fail

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 2B3F47 Background



This preview shows how black text looks on a background with the Hex color 2B3F47.



This preview shows how white text looks on a background with the Hex color 2B3F47.

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
2B3F47

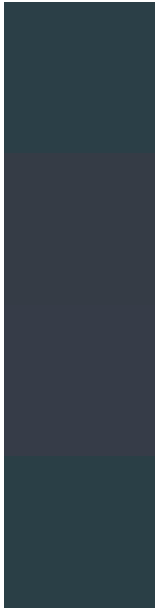
Protanopia
3A3B45

Deuteranopia
3C3B48



Tritanopia
2A3F45

Trichromacy



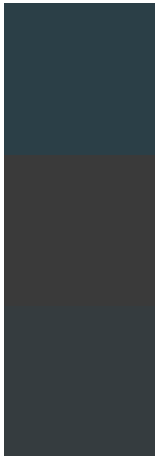
Original Color
2B3F47

Protanomaly
353C46

Deuteranomaly
363C48

Tritanomaly
2A3F46

Monochromacy



Original Color
2B3F47

Achromatopsia
3A3A3A

Achromatomaly
353C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3F47 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 #2B3F47 looks like.

```
.text, #text, p{  
    color:#2B3F47  
}
```

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 #2B3F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3F47
}
```

Border

The CSS property to change the border of an element to Hex 2B3F47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

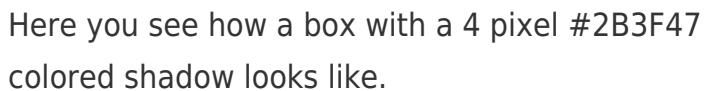
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3F47 }
```

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

```
.border{ border-color:#2B3F47 }
```

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



Here you see how a box with a 4 pixel #2B3F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3F47; -webkit-box-shadow:4px 4px  
4px 4px #2B3F47; box-shadow:4px 4px 4px  
4px #2B3F47 }
```

Background

The CSS property to change the background color of an element to Hex 2B3F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3F47 }
```

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

```
.background{ background-color:#2B3F47 }
```

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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