

Converting Colors

Hex(2B4B51)

Have a look what the booklet for
Hex(2B4B51) contains.

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Color

Hex(2B4B51)

Conversions

Conversions Part 1

Format	Color
Hex	2B4B51
RGB	43, 75, 81
RGB Percent	17%, 29%, 32%
CMY	0.8314, 0.7059, 0.6824
CMYK	0.47, 0.07, 0.00, 0.68
HSL	189°, 31%, 24%
HSV	189°, 47%, 32%
XYZ	4.9975, 6.1398, 8.7063
YIQ	66.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

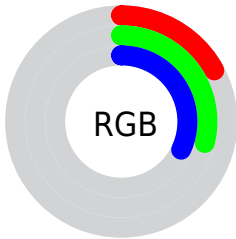
Format	Color
R_{YB}	43, 60, 81
Decimal	2837329
CIE _{Lab}	29.76, -9.94, -7.26
CIE _{LCh}	30, 12.307, 216.163
Yxy	6.1398, 0.2518, 0.3094
Android (android.graphics.Color)	4281027409 (0xFF2B4B51)
YUV	66.1160, 7.3378, -20.2727
Hunter-Lab	24.7787, -7.3615, -3.4872

Details

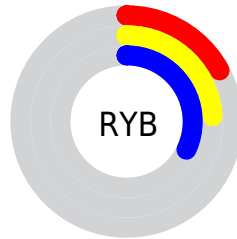
The Hex color **2B4B51** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **51312B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5B7C82**, and **001F24** is the 20% darker color. If you saturate the color by 10%, you get **234A51**, and if you desaturate by 10%, it is **334C51**.

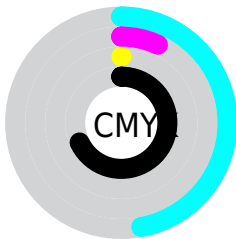
Distribution



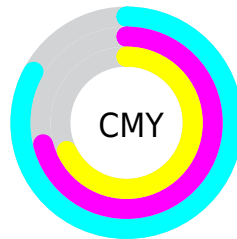
- Red (17%)
- Green (29%)
- Blue (32%)



- Red (17%)
- Yellow (24%)
- Blue (32%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (68%)



- Cyan (83%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4B51 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 2B4B51 by changing the saturation by 10% instead.



2B4B51



2B4B51

FFFFFF



13343A



5B7C82



001F24



74969C



000110



8EB0B7



000000



A9CCD3



C5E8EF



E1FFFF



FEFFFF



2B4B51



2B4B51

■ 234A51

■ 334C51

■ 1B4851

■ 3B4E51

■ 134751

■ 434F51

■ 0B4651

■ 4B5051

■ 034551

■ 545151

■ 004451

■ 5C5351

■ 645451

■ 6C5551

■ 745751

Harmonies

Analogous

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



2D4C48



2B4B51



314957

Triad

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



2B4B51



54404E



4B4633

Complementary

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



2B4B51



51312B

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.



544335



2B4B51



593F44

Square

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



2B4B51



4A4356



59403B



414937

Rectangle

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



2B4B51



394759



59403B



4E4533

Sweetspot

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



2B4B51



5A6669



2B5131



2C3436



B5B5B5



363636

Same Dimension

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



2B4B51



2E5F69



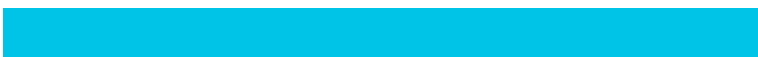
2B3851



252829



005869



00C3E8

Inverse Universe

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



512B4B



692E5F



51442B



292528



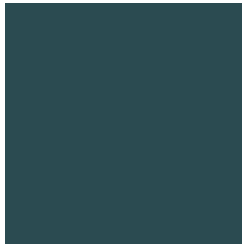
690058



E800C3

Previews

White Background



This preview shows how the Hex color 2B4B51 looks on a white background.

Color Contrast Check

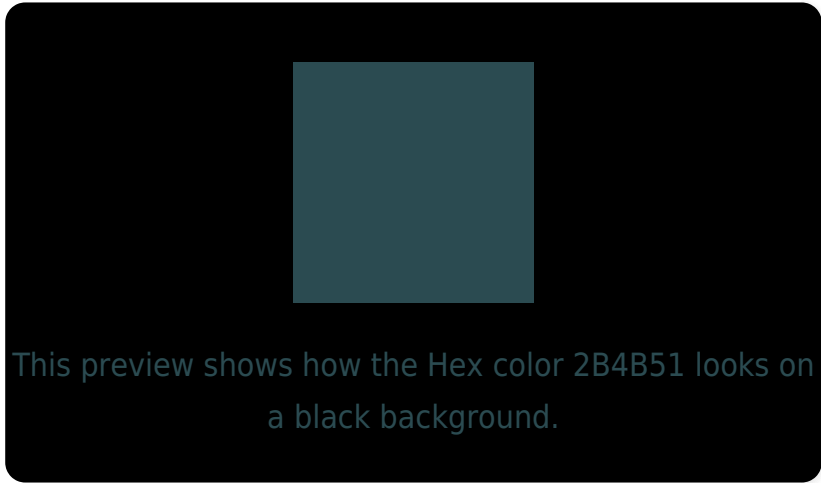
Large Text (above 18pt) WCAG AA ✓ Pass

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

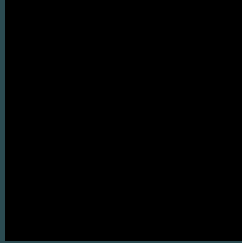
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

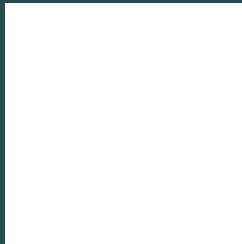
Any Text WCAG AAA × Fail

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

Hex 2B4B51 Background



This preview shows how black text looks on a background with the Hex color 2B4B51.



This preview shows how white text looks on a background with the Hex color 2B4B51.

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
2B4B51

Protanopia
45454D

Deuteranopia
474452



Tritanopia
2B4B51

Trichromacy



Original Color

2B4B51

Protanomaly

3C474E

Deuteranomaly

3D4752

Tritanomaly

2B4B51

Monochromacy



Original Color

2B4B51

Achromatopsia

424242

Achromatomaly

3A4547

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4B51 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 #2B4B51 looks like.

```
.text, #text, p{  
    color:#2B4B51  
}
```

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 #2B4B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4B51
}
```

Border

The CSS property to change the border of an element to Hex 2B4B51 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
#2B4B51 }
```

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

```
.border{ border-color:#2B4B51 }
```

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

Here you see how a box with a 4 pixel #2B4B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4B51; -webkit-box-shadow:4px 4px  
4px 4px #2B4B51; box-shadow:4px 4px 4px  
4px #2B4B51 }
```

Background

The CSS property to change the background color of an element to Hex 2B4B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4B51 }
```

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

```
.background{ background-color:#2B4B51 }
```

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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