

Converting Colors

Hex(2B3E52)

Have a look what the booklet for
Hex(2B3E52) contains.

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Color

Hex(2B3E52)

Conversions

Conversions Part 1

Format	Color
Hex	2B3E52
RGB	43, 62, 82
RGB Percent	17%, 24%, 32%
CMY	0.8314, 0.7569, 0.6784
CMYK	0.48, 0.24, 0.00, 0.68
HSL	211°, 31%, 25%
HSV	211°, 48%, 32%
XYZ	4.2419, 4.5680, 8.6408
YIQ	58.5990, -17.7440, 2.1920

Conversions

Conversions Part 2

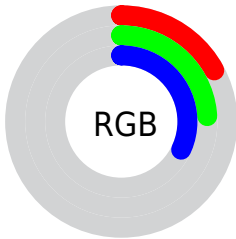
Format	Color
R_{YB}	43, 56, 82
Decimal	2834002
CIE Lab	25.47, -1.38, -14.45
CIE LCh	25, 14.518, 264.539
Yxy	4.5680, 0.2431, 0.2618
Android (android.graphics.Color)	4281024082 (0xFF2B3E52)
YUV	58.5990, 11.5367, -13.6803
Hunter-Lab	21.3730, -1.9759, -9.0090

Details

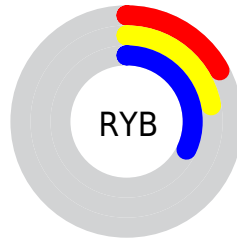
The Hex color **2B3E52** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **523F2B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5B6D83**, and **001425** is the 20% darker color. If you saturate the color by 10%, you get **233A52**, and if you desaturate by 10%, it is **334252**.

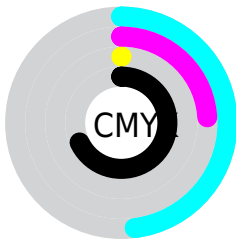
Distribution



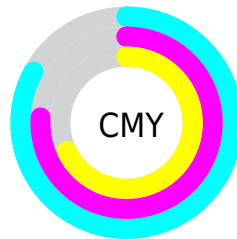
- Red (17%)
- Green (24%)
- Blue (32%)



- Red (17%)
- Yellow (22%)
- Blue (32%)



- Cyan (48%)
- Magenta (24%)
- Yellow (0%)
- Black (68%)



- Cyan (83%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3E52 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 2B3E52 by changing the saturation by 10% instead.

■ 2B3E52

■ 2B3E52

FFFFFF

■ 14283B

■ 5B6D83

■ 001425

■ 74879E

■ 00010F

■ 8EA1B9

■ 000000

■ A9BCD4

■ C4D8F1

■ E0F4FF

■ F0FFFF

■ 2B3E52

■ 2B3E52

■ 233A52

■ 334252

■ 1B3652

■ 3B4652

■ 123152

■ 444B52

■ 0A2D52

■ 4C4F52

■ 022952

■ 545352

■ 002852

■ 5C5752

■ 645B52

■ 6D6052

■ 756452

Harmonies

Analogous

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



1D414E



2B3E52



3B3A50

Triad

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



2B3E52



523534



2E412F

Complementary

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



2B3E52



523F2B

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.



3B3E28



2B3E52



4E372B

Square

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



2B3E52



50343F



463B27



22423A

Rectangle

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



2B3E52



45384C



463B27



32402C

Sweetspot

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



2B3E52



5C636B



2B523F



2C3136



B5B5B5



363636

Same Dimension

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



2B3E52



2E4C6B



2B2B52



252729



003369



0071E8

Inverse Universe

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



522B3E



6B2E4C



52522B



292527



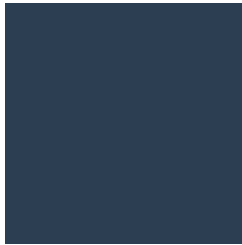
690033



E80071

Previews

White Background



This preview shows how the Hex color 2B3E52 looks on a white background.

Color Contrast Check

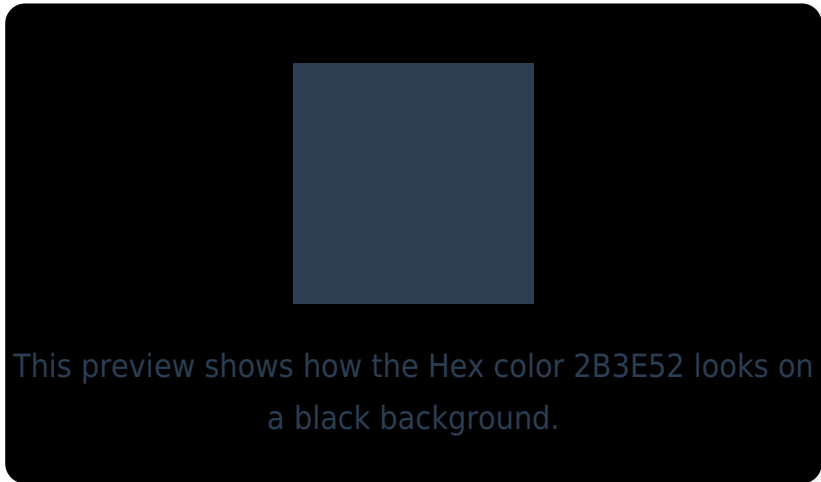
Large Text (above 18pt) WCAG AA ✓ Pass

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

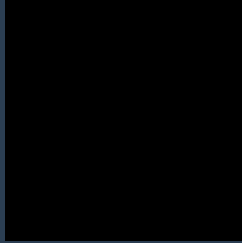
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

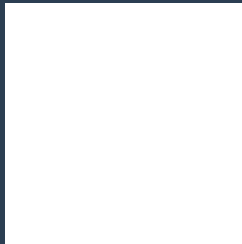
Any Text WCAG AAA × Fail

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

Hex 2B3E52 Background



This preview shows how black text looks on a background with the Hex color 2B3E52.



This preview shows how white text looks on a background with the Hex color 2B3E52.

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
2B3E52

Protanopia
373B50

Deuteranopia
353B53



Tritanopia
274045

Trichromacy



Original Color
2B3E52

Protanomaly
333C51

Deuteranomaly
313C53

Tritanomaly
283F4A

Monochromacy



Original Color
2B3E52

Achromatopsia
3B3B3B

Achromatomaly
353C43

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3E52 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 #2B3E52 looks like.

```
.text, #text, p{  
    color:#2B3E52  
}
```

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 #2B3E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3E52
}
```

Border

The CSS property to change the border of an element to Hex 2B3E52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

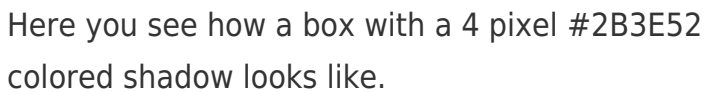
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3E52 }
```

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

```
.border{ border-color:#2B3E52 }
```

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



Here you see how a box with a 4 pixel #2B3E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3E52; -webkit-box-shadow:4px 4px  
4px 4px #2B3E52; box-shadow:4px 4px 4px  
4px #2B3E52 }
```

Background

The CSS property to change the background color of an element to Hex 2B3E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3E52 }
```

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

```
.background{ background-color:#2B3E52 }
```

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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