

Converting Colors

Hex(2B3D51)

Have a look what the booklet for
Hex(2B3D51) contains.

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Color

Hex(2B3D51)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2B3D51 |
| RGB | 43, 61, 81 |
| RGB Percent | 17%, 24%, 32% |
| CMY | 0.8314, 0.7608, 0.6824 |
| CMYK | 0.47, 0.25, 0.00, 0.68 |
| HSL | 212°, 31%, 24% |
| HSV | 212°, 47%, 32% |
| XYZ | 4.1502, 4.4452, 8.4238 |
| YIQ | 57.8980, -17.1480, 2.4040 |

Conversions

Conversions Part 2

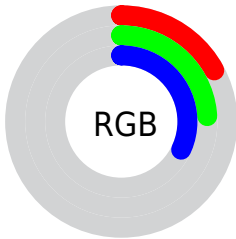
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 43, 55, 81 |
| Decimal | 2833745 |
| CIE Lab | 25.09, -1.05, -14.37 |
| CIE LCh | 25, 14.412, 265.817 |
| Yxy | 4.4452, 0.2439, 0.2612 |
| Android (android.graphics.Color) | 4281023825 (0xFF2B3D51) |
| YUV | 57.8980, 11.3893, -13.0655 |
| Hunter-Lab | 21.0835, -1.7592, -8.9306 |

Details

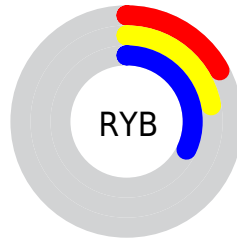
The Hex color **2B3D51** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **513F2B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5B6C82**, and **001324** is the 20% darker color. If you saturate the color by 10%, you get **233951**, and if you desaturate by 10%, it is **334151**.

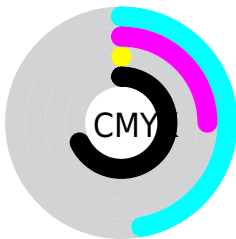
Distribution



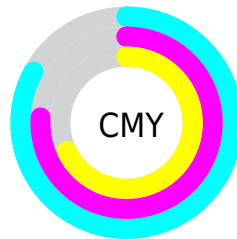
- Red (17%)
- Green (24%)
- Blue (32%)



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



- Cyan (47%)
- Magenta (25%)
- Yellow (0%)
- Black (68%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3D51 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 2B3D51 by changing the saturation by 10% instead.

■ 2B3D51

■ 2B3D51

FFFFFF

■ 14273A

■ 5B6C82

■ 001324

■ 74869C

■ 00010E

■ 8EA0B7

■ 000000

■ A8BBD3

■ C4D6EF

■ E0F3FF

■ FDFFFF

■ 2B3D51

■ 2B3D51

■ 233951

■ 334151

■ 1B3451

■ 3B4651

■ 133051

■ 434A51

■ 0B2C51

■ 4B4E51

■ 032851

■ 545251

■ 002651

■ 5C5751

■ 645B51

■ 6C5F51

■ 746351

Harmonies

Analogous

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



1D404D



2B3D51



3B394F

Triad

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



2B3D51



513433



2D402F

Complementary

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



2B3D51



513F2B

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.



393E28



2B3D51



4D372A

Square

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



2B3D51



50343D



453A26



20413A

Rectangle

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



2B3D51



44374B



453A26



313F2C

Sweetspot

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



2B3D51



5A6169



2B513F



2C3136



B5B5B5



363636

Same Dimension

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



2B3D51



2E4A69



2C2B51



252729



003269



006EE8

Inverse Universe

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



512B3D



692E4A



50512B



292527



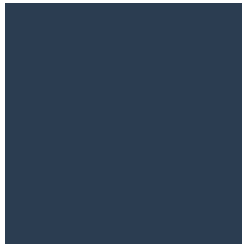
690032



E8006E

Previews

White Background



This preview shows how the Hex color 2B3D51 looks on a white background.

Color Contrast Check

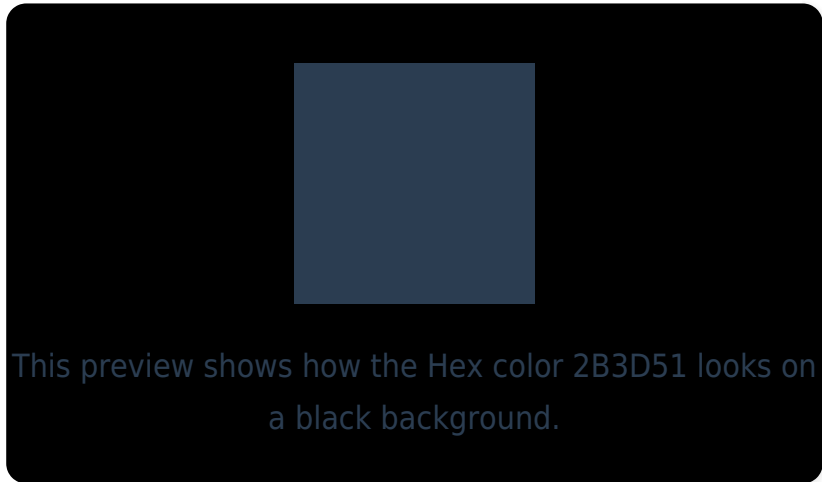
Large Text (above 18pt) WCAG AA ✓ Pass

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

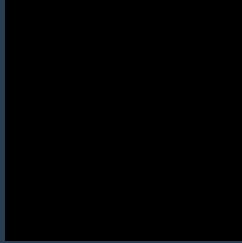
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

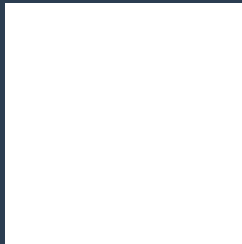
Any Text WCAG AAA × Fail

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

Hex 2B3D51 Background



This preview shows how black text looks on a background with the Hex color 2B3D51.



This preview shows how white text looks on a background with the Hex color 2B3D51.

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](#).

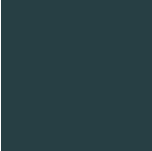
Dichromacy



Original Color
2B3D51

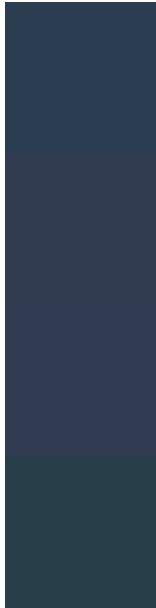
Protanopia
363B4F

Deuteranopia
353B52



Tritanopia
273F44

Trichromacy



Original Color
2B3D51

Protanomaly
323C50

Deuteranomaly
313C52

Tritanomaly
283E49

Monochromacy



Original Color
2B3D51

Achromatopsia
3A3A3A

Achromatomaly
353B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3D51 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 #2B3D51 looks like.

```
.text, #text, p{  
    color:#2B3D51  
}
```

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 #2B3D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3D51
}
```

Border

The CSS property to change the border of an element to Hex 2B3D51 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
#2B3D51 }
```

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

```
.border{ border-color:#2B3D51 }
```

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

Here you see how a box with a 4 pixel #2B3D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3D51; -webkit-box-shadow:4px 4px  
4px 4px #2B3D51; box-shadow:4px 4px 4px  
4px #2B3D51 }
```

Background

The CSS property to change the background color of an element to Hex 2B3D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3D51 }
```

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

```
.background{ background-color:#2B3D51 }
```

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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