

Converting Colors

Hex(2B3342)

Have a look what the booklet for
Hex(2B3342) contains.

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Color

Hex(2B3342)

Conversions

Conversions Part 1

Format	Color
Hex	2B3342
RGB	43, 51, 66
RGB Percent	17%, 20%, 26%
CMY	0.8314, 0.8000, 0.7412
CMYK	0.35, 0.23, 0.00, 0.74
HSL	219°, 21%, 21%
HSV	219°, 35%, 26%
XYZ	3.1635, 3.2746, 5.6196
YIQ	50.3180, -9.5830, 2.9690

Conversions

Conversions Part 2

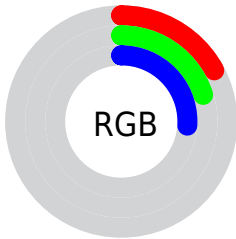
Format	Color
R_{YB}	43, 49, 66
Decimal	2831170
CIE _{Lab}	21.11, 0.87, -10.48
CIE _{LCh}	21, 10.514, 274.746
Yxy	3.2746, 0.2624, 0.2716
Android (android.graphics.Color)	4281021250 (0xFF2B3342)
YUV	50.3180, 7.7312, -6.4179
Hunter-Lab	18.0958, -0.4629, -5.7452

Details

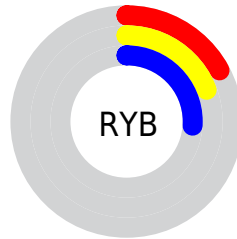
The Hex color **2B3342** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **423A2B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **596172**, and **000418** is the 20% darker color. If you saturate the color by 10%, you get **242F42**, and if you desaturate by 10%, it is **323742**.

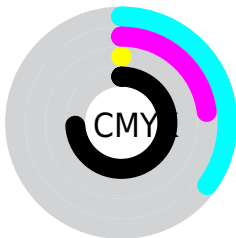
Distribution



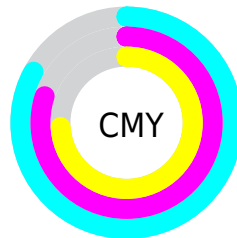
- Red (17%)
- Green (20%)
- Blue (26%)



- Red (17%)
- Yellow (19%)
- Blue (26%)



- Cyan (35%)
- Magenta (23%)
- Yellow (0%)
- Black (74%)



- Cyan (83%)
- Magenta (80%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3342 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 2B3342 by changing the saturation by 10% instead.

■ 2B3342

■ 2B3342

FFFFFF

■ 161E2C

■ 596172

■ 000418

■ 727A8B

■ 000000

■ 8B94A6

■ A6AEC1

■ C1CADD

■ DDE6F9

■ FAFFFF

■ 2B3342

■ 2B3342

■ 242F42

■ 323742

■ 1E2A42

■ 383C42

■ 172642

■ 3F4042

■ 112242

■ 454442

■ 0A1D42

■ 4C4942

■ 031942

■ 534D42

■ 001742

■ 595142

■ 605542

■ 665A42

Harmonies

Analogous

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



213540



2B3342



36303F

Triad

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



2B3342



422E2A



26362C

Complementary

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



2B3342



423A2B

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.



2F3526



2B3342



3E3025

Square

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



2B3342



422D32



373323



1F3734

Rectangle

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



2B3342



3B2F3C



373323



29362A

Sweetspot

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



2B3342



4E5157



2B423A



26282B



ABABAB



2B2B2B

Same Dimension

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



2B3342



323F57



2E2B42



1E1F21



002261



004EE0

Inverse Universe

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



422B33



57323F



3F422B



211E1F



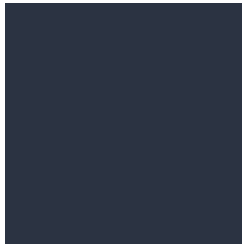
610022



E0004E

Previews

White Background



This preview shows how the Hex color 2B3342 looks on a white background.

Color Contrast Check

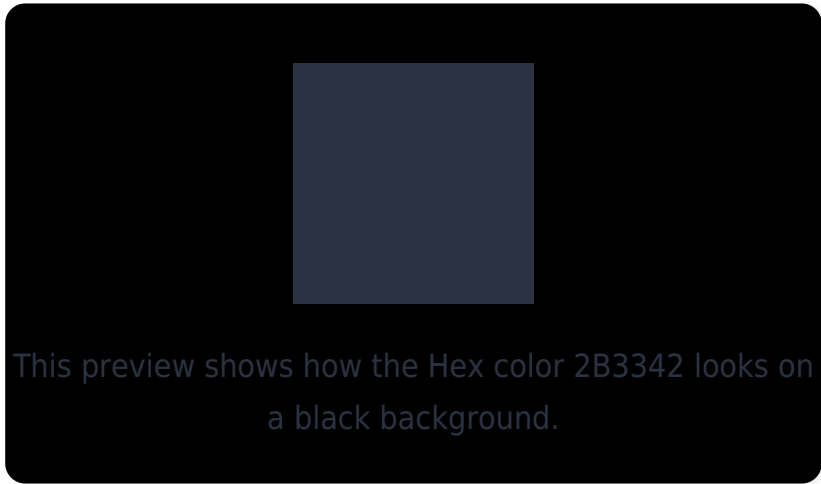
Large Text (above 18pt) WCAG AA ✓ Pass

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

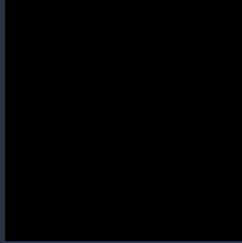
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

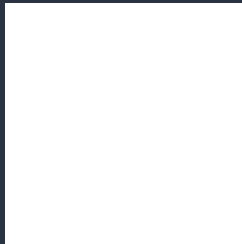
Any Text WCAG AAA × Fail

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

Hex 2B3342 Background



This preview shows how black text looks on a background with the Hex color 2B3342.



This preview shows how white text looks on a background with the Hex color 2B3342.

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
2B3342

Protanopia
2F3241

Deuteranopia
2F3242



Tritanopia
293539

Trichromacy



Original Color
2B3342

Protanomaly
2E3241

Deuteranomaly
2E3242

Tritanomaly
2A343C

Monochromacy



Original Color
2B3342

Achromatopsia
323232

Achromatomaly
2F3238

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3342 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 #2B3342 looks like.

```
.text, #text, p{  
    color:#2B3342  
}
```

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 #2B3342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3342
}
```

Border

The CSS property to change the border of an element to Hex 2B3342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

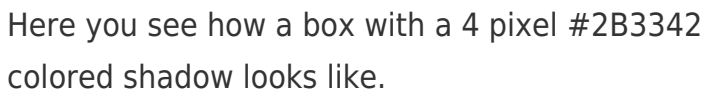
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3342 }
```

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

```
.border{ border-color:#2B3342 }
```

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



Here you see how a box with a 4 pixel #2B3342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3342; -webkit-box-shadow:4px 4px  
4px 4px #2B3342; box-shadow:4px 4px 4px  
4px #2B3342 }
```

Background

The CSS property to change the background color of an element to Hex 2B3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3342 }
```

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

```
.background{ background-color:#2B3342 }
```

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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