

Converting Colors

Hex(2B3345)

Have a look what the booklet for
Hex(2B3345) contains.

Hex(2B3345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B3345)

Conversions

Conversions Part 1

Format	Color
Hex	2B3345
RGB	43, 51, 69
RGB Percent	17%, 20%, 27%
CMY	0.8314, 0.8000, 0.7294
CMYK	0.38, 0.26, 0.00, 0.73
HSL	222°, 23%, 22%
HSV	222°, 38%, 27%
XYZ	3.2543, 3.3109, 6.0978
YIQ	50.6600, -10.5460, 3.9020

Conversions

Conversions Part 2

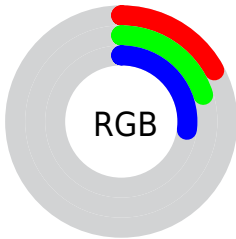
Format	Color
R_{YB}	43, 49, 69
Decimal	2831173
CIE Lab	21.25, 1.81, -12.30
CIE LCh	21, 12.429, 278.351
Yxy	3.3109, 0.2570, 0.2615
Android (android.graphics.Color)	4281021253 (0xFF2B3345)
YUV	50.6600, 9.0416, -6.7178
Hunter-Lab	18.1959, 0.0811, -7.1320

Details

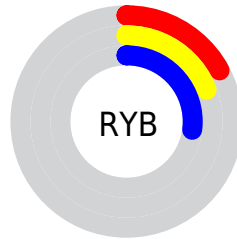
The Hex color **2B3345** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453D2B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **596175**, and **00041A** is the 20% darker color. If you saturate the color by 10%, you get **242E45**, and if you desaturate by 10%, it is **323845**.

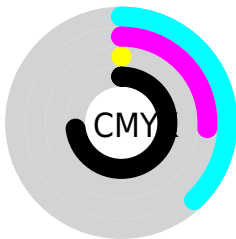
Distribution



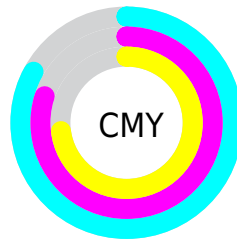
- Red (17%)
- Green (20%)
- Blue (27%)



- Red (17%)
- Yellow (19%)
- Blue (27%)



- Cyan (38%)
- Magenta (26%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3345 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 2B3345 by changing the saturation by 10% instead.

■ 2B3345

■ 2B3345

FFFFFF

■ 151E2F

■ 596175

■ 00041A

■ 727A8F

■ 000000

■ 8C94A9

■ A6AEC5

■ C2CAE1

■ DEE6FD

■ FAFFFF

■ 2B3345

■ 2B3345

■ 242E45

■ 323845

■ 1D2945

■ 393D45

■ 162545

■ 404145

■ 0F2045

■ 474645

■ 091B45

■ 4E4B45

■ 021645

■ 545045

■ 001545

■ 5B5445

■ 625945

■ 695E45

Harmonies

Analogous

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



1E3644



2B3345



383041

Triad

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



2B3345



442D28



22382C

Complementary

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



2B3345



453D2B

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.



2D3624



2B3345



3F3022

Square

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



2B3345



452C31



373321



193835

Rectangle

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



2B3345



3E2E3D



373321



263729

Sweetspot

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



2B3345



4F5259



2B453D



282A2E



ADADAD



2E2E2E

Same Dimension

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



2B3345



313D59



302B45



202124



001F63



0046E3

Inverse Universe

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



452B33



59313D



40452B



242021



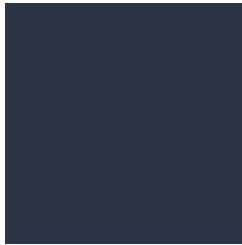
63001F



E30046

Previews

White Background



This preview shows how the Hex color 2B3345 looks on a white background.

Color Contrast Check

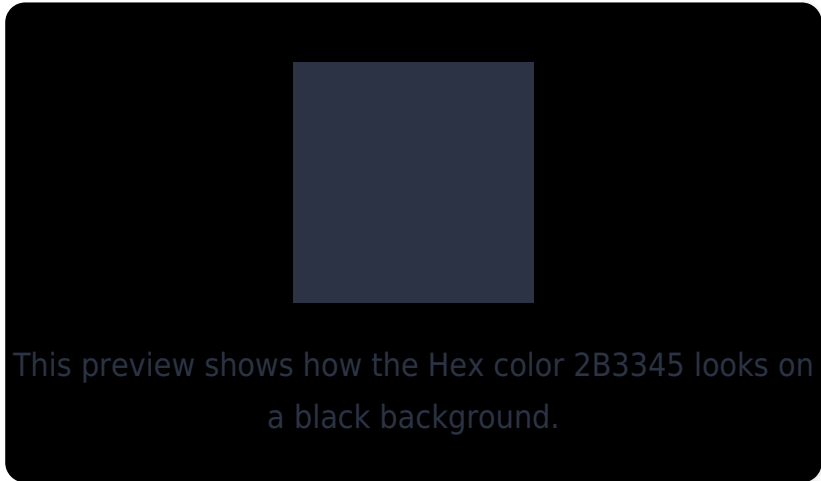
Large Text (above 18pt) WCAG AA ✓ Pass

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

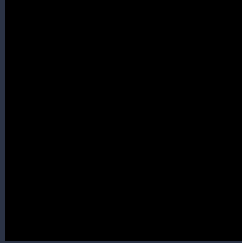
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

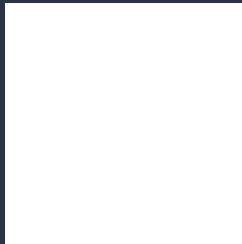
Any Text WCAG AAA × Fail

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

Hex 2B3345 Background



This preview shows how black text looks on a background with the Hex color 2B3345.



This preview shows how white text looks on a background with the Hex color 2B3345.

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
2B3345

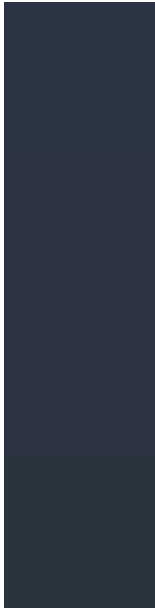
Protanopia
2E3244

Deuteranopia
2E3245



Tritanopia
283539

Trichromacy



Original Color
2B3345

Protanomaly
2D3244

Deuteranomaly
2D3245

Tritanomaly
29343D

Monochromacy



Original Color
2B3345

Achromatopsia
333333

Achromatomaly
30333A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3345 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 #2B3345 looks like.

```
.text, #text, p{  
    color:#2B3345  
}
```

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 #2B3345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3345
}
```

Border

The CSS property to change the border of an element to Hex 2B3345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

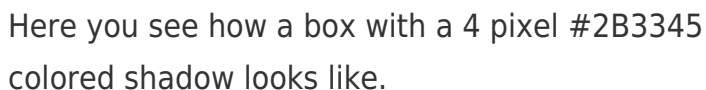
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3345 }
```

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

```
.border{ border-color:#2B3345 }
```

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



Here you see how a box with a 4 pixel #2B3345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3345; -webkit-box-shadow:4px 4px  
4px 4px #2B3345; box-shadow:4px 4px 4px  
4px #2B3345 }
```

Background

The CSS property to change the background color of an element to Hex 2B3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3345 }
```

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

```
.background{ background-color:#2B3345 }
```

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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