

Converting Colors

Hex(2A333B)

Have a look what the booklet for
Hex(2A333B) contains.

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Color

Hex(2A333B)

Conversions

Conversions Part 1

Format	Color
Hex	2A333B
RGB	42, 51, 59
RGB Percent	16%, 20%, 23%
CMY	0.8353, 0.8000, 0.7686
CMYK	0.29, 0.14, 0.00, 0.77
HSL	208°, 17%, 20%
HSV	208°, 29%, 23%
XYZ	2.9281, 3.1757, 4.5963
YIQ	49.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

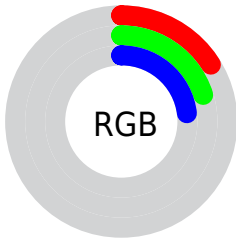
Format	Color
R_{YB}	42, 48, 59
Decimal	2765627
CIE Lab	20.73, -1.59, -6.30
CIE LCh	21, 6.502, 255.803
Yxy	3.1757, 0.2737, 0.2968
Android (android.graphics.Color)	4280955707 (0xFF2A333B)
YUV	49.2210, 4.8210, -6.3328
Hunter-Lab	17.8204, -1.8561, -2.8181

Details

The Hex color **2A333B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B322A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **58616A**, and **000511** is the 20% darker color. If you saturate the color by 10%, you get **24303B**, and if you desaturate by 10%, it is **30363B**.

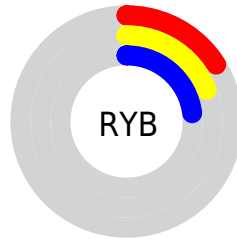
Distribution



 Red (16%)

 Green (20%)

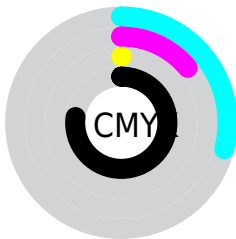
 Blue (23%)




 Red (16%)

 Yellow (19%)

 Blue (23%)

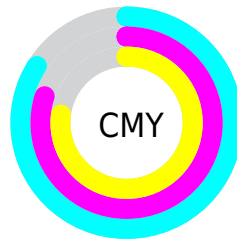



 Cyan (29%)

 Magenta (14%)

 Yellow (0%)

 Black (77%)



 Cyan (84%)

 Magenta (80%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A333B 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 2A333B by changing the saturation by 10% instead.



2A333B



2A333B

FFFFFF



151E25



58616A



000511



707A83



000000



8A949D



A4AEB8



BFCAD4



DBE6F0



F8FFFF



2A333B



2A333B

■ 24303B

■ 30363B

■ 1E2D3B

■ 36393B

■ 182B3B

■ 3C3B3B

■ 12283B

■ 423E3B

■ 0C253B

■ 47413B

■ 07223B

■ 4D443B

■ 01203B

■ 53463B

■ 001F3B

■ 59493B

■ 5F4C3B

Harmonies

Analogous

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



263439



2A333B



30313B

Triad

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



2A333B



3C2F2F



2E342B

Complementary

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



2A333B



3B322A

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.



333229



2A333B



3B2F2B

Square

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



2A333B



3A2F34



383129



29352F

Rectangle

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



2A333B



34303A



383129



2F332A

Sweetspot

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



2A333B



46494D



2A3B32



222426



A6A6A6



262626

Same Dimension

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



2A333B



32404D



2A2B3B



1C1D1F



00325E



0075DE

Inverse Universe

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



3B2A33



4D3240



3B3A2A



1F1C1D



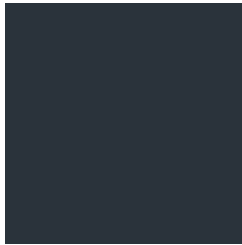
5E0032



DE0075

Previews

White Background



This preview shows how the Hex color 2A333B looks on a white background.

Color Contrast Check

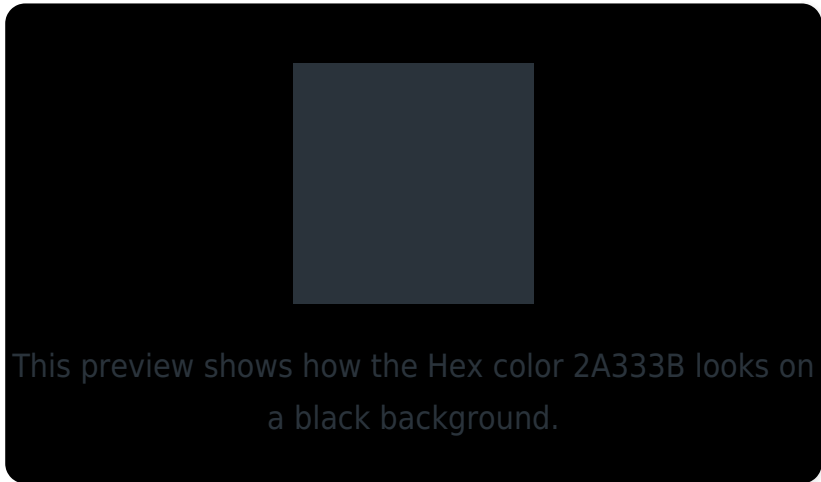
Large Text (above 18pt) WCAG AA ✓ Pass

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

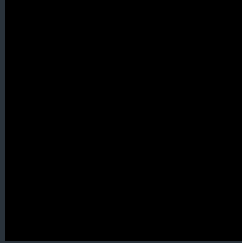
Any Text WCAG AA × Fail

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 2A333B Background



This preview shows how black text looks on a background with the Hex color 2A333B.



This preview shows how white text looks on a background with the Hex color 2A333B.

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
2A333B

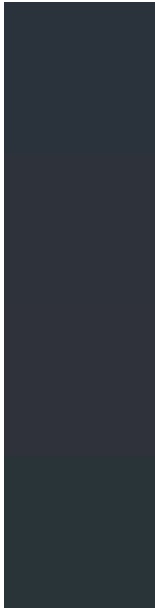
Protanopia
30313A

Deuteranopia
32313B



Tritanopia
293438

Trichromacy



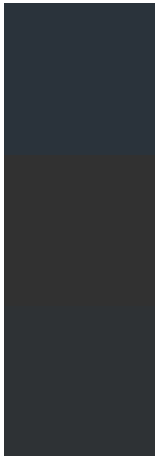
Original Color
2A333B

Protanomaly
2E323A

Deuteranomaly
2F323B

Tritanomaly
293439

Monochromacy



Original Color
2A333B

Achromatopsia
313131

Achromatomaly
2E3235

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A333B 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 #2A333B looks like.

```
.text, #text, p{  
    color:#2A333B  
}
```

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 #2A333B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A333B
}
```

Border

The CSS property to change the border of an element to Hex 2A333B is called "border". The border property can be set on classes, ids or directly on the HTML element.

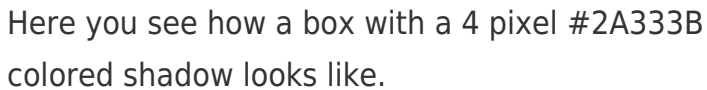
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A333B }
```

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

```
.border{ border-color:#2A333B }
```

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



Here you see how a box with a 4 pixel #2A333B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A333B; -webkit-box-shadow:4px 4px  
4px 4px #2A333B; box-shadow:4px 4px 4px  
4px #2A333B }
```

Background

The CSS property to change the background color of an element to Hex 2A333B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A333B }
```

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

```
.background{ background-color:#2A333B }
```

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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