

Converting Colors

Hex(2A3F3F)

Have a look what the booklet for
Hex(2A3F3F) contains.

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Color

Hex(2A3F3F)

Conversions

Conversions Part 1

Format	Color
Hex	2A3F3F
RGB	42, 63, 63
RGB Percent	16%, 25%, 25%
CMY	0.8353, 0.7529, 0.7529
CMYK	0.33, 0.00, 0.00, 0.75
HSL	180°, 20%, 21%
HSV	180°, 33%, 25%
XYZ	3.6296, 4.4061, 5.3618
YIQ	56.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

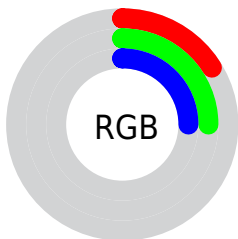
Format	Color
RYB	42, 53, 63
Decimal	2768703
CIELab	24.97, -8.23, -2.67
CIELCh	25, 8.647, 197.968
Yxy	4.4061, 0.2709, 0.3289
Android (android.graphics.Color)	4280958783 (0xFF2A3F3F)
YUV	56.7210, 3.0955, -12.9103
Hunter-Lab	20.9908, -5.8691, -0.4512

Details

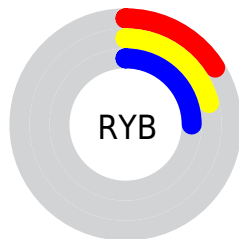
The Hex color **2A3F3F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F2A2A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **586F6F**, and **001515** is the 20% darker color. If you saturate the color by 10%, you get **243F3F**, and if you desaturate by 10%, it is **303F3F**.

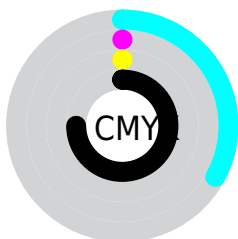
Distribution



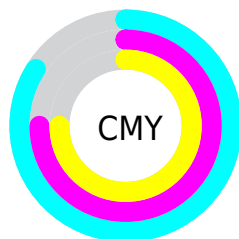
- Red (16%)
- Green (25%)
- Blue (25%)



- Red (16%)
- Yellow (21%)
- Blue (25%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3F3F 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 2A3F3F by changing the saturation by 10% instead.



2A3F3F



2A3F3F

FFFFFF



142929



586F6F



001515



718888



000000



8BA2A2



A5BDBD



C0D9D9



DCF6F5



F9FFFF



2A3F3F



2A3F3F

■ 243F3F

■ 303F3F

■ 1D3F3F

■ 373F3F

■ 173F3F

■ 3D3F3F

■ 113F3F

■ 433F3F

■ 0A3F3F

■ 4A3F3F

■ 043F3F

■ 503F3F

■ 003F3F

■ 563F3F

■ 5C3F3F

■ 633F3F

Harmonies

Analogous

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



2E3F38



2A3F3F



2B3E45

Triad

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



2A3F3F



413844



433A2F

Complementary

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



2A3F3F



3F2A2A

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.



473832



2A3F3F



47373E

Square

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



2A3F3F



393A48



493737



3C3C2F

Rectangle

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



2A3F3F



2E3D47



493737



45392F

Sweetspot

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



2A3F3F



495252



2A3F2A



242929



A8A8A8



292929

Same Dimension

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



2A3F3F



315252



2A353F



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3F2A3F



523152



3F352A



1F1C1F



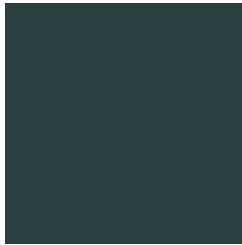
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 2A3F3F looks on a white background.

Color Contrast Check

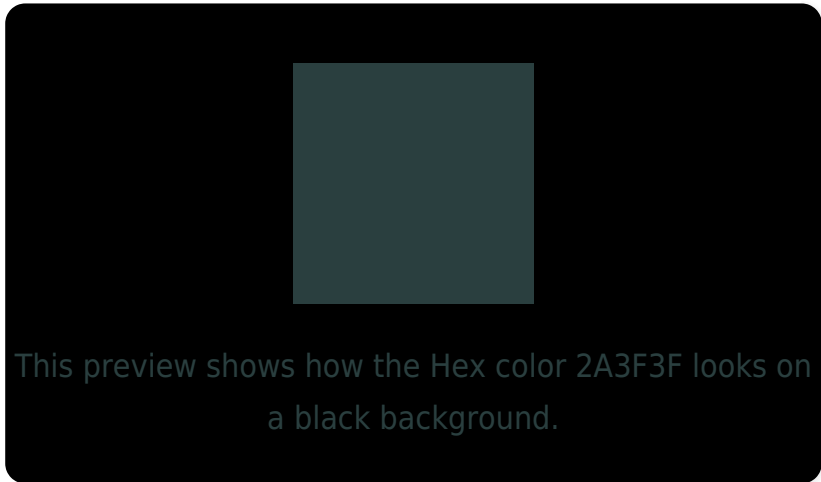
Large Text (above 18pt) WCAG AA ✓ Pass

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

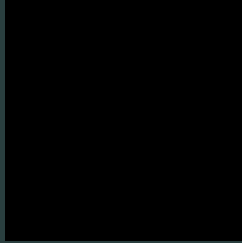
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

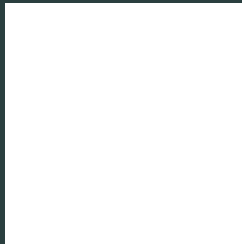
Any Text WCAG AAA × Fail

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

Hex 2A3F3F Background



This preview shows how black text looks on a background with the Hex color 2A3F3F.



This preview shows how white text looks on a background with the Hex color 2A3F3F.

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](#).

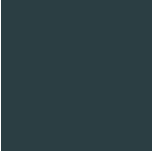
Dichromacy



Original Color
2A3F3F

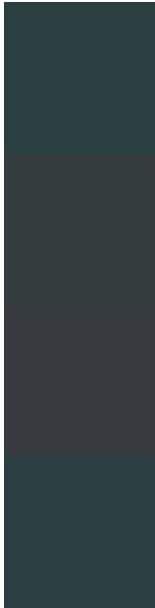
Protanopia
3C3B3C

Deuteranopia
3F3940



Tritanopia
2B3E43

Trichromacy



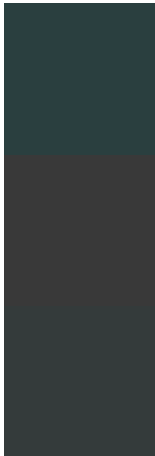
Original Color
2A3F3F

Protanomaly
353C3D

Deuteranomaly
373B40

Tritanomaly
2B3E42

Monochromacy



Original Color
2A3F3F

Achromatopsia
393939

Achromatomaly
343B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3F3F 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 #2A3F3F looks like.

```
.text, #text, p{  
    color:#2A3F3F  
}
```

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 #2A3F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3F3F
}
```

Border

The CSS property to change the border of an element to Hex 2A3F3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

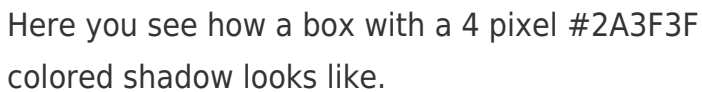
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3F3F }
```

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

```
.border{ border-color:#2A3F3F }
```

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



Here you see how a box with a 4 pixel #2A3F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3F3F; -webkit-box-shadow:4px 4px  
4px 4px #2A3F3F; box-shadow:4px 4px 4px  
4px #2A3F3F }
```

Background

The CSS property to change the background color of an element to Hex 2A3F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3F3F }
```

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

```
.background{ background-color:#2A3F3F }
```

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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