

Converting Colors

Hex(2A3D41)

Have a look what the booklet for
Hex(2A3D41) contains.

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Color

Hex(2A3D41)

Conversions

Conversions Part 1

Format	Color
Hex	2A3D41
RGB	42, 61, 65
RGB Percent	16%, 24%, 25%
CMY	0.8353, 0.7608, 0.7451
CMYK	0.35, 0.06, 0.00, 0.75
HSL	190°, 21%, 21%
HSV	190°, 35%, 25%
XYZ	3.5777, 4.2114, 5.6253
YIQ	55.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

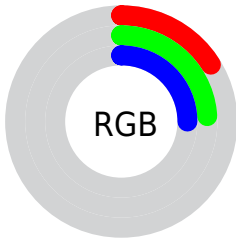
Format	Color
R_{YB}	42, 52, 65
Decimal	2768193
CIE Lab	24.36, -6.39, -4.91
CIE LCh	24, 8.056, 217.517
Yxy	4.2114, 0.2667, 0.3139
Android (android.graphics.Color)	4280958273 (0xFF2A3D41)
YUV	55.7750, 4.5479, -12.0807
Hunter-Lab	20.5217, -4.7934, -1.8873

Details

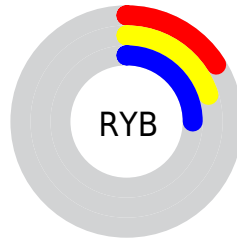
The Hex color **2A3D41** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **412E2A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **586C71**, and **001317** is the 20% darker color. If you saturate the color by 10%, you get **243C41**, and if you desaturate by 10%, it is **313E41**.

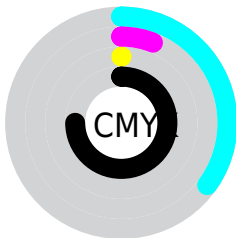
Distribution



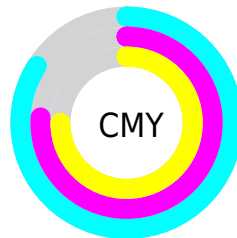
- Red (16%)
- Green (24%)
- Blue (25%)



- Red (16%)
- Yellow (20%)
- Blue (25%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (75%)



- Cyan (84%)
- Magenta (76%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3D41 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 2A3D41 by changing the saturation by 10% instead.

■ 2A3D41

■ 2A3D41

FFFFFF

■ 14272B

■ 586C71

■ 001317

■ 71868A

■ 000000

■ 8BA0A4

■ A5BBC0

■ C0D7DB

■ DCF3F8

■ F9FFFF

■ 2A3D41

■ 2A3D41

■ 243C41

■ 313E41

■ 1D3B41

■ 373F41

■ 163A41

■ 3E4041

■ 103841

■ 444241

■ 093741

■ 4A4341

■ 033641

■ 514441

■ 003641

■ 584541

■ 5E4641

■ 654741

Harmonies

Analogous

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



2B3D3B



2A3D41



2E3C45

Triad

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



2A3D41



43363F



3D3A2E

Complementary

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



2A3D41



412E2A

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.



43382F



2A3D41



463639

Square

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



2A3D41



3D3843



463633



363C30

Rectangle

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



2A3D41



323B46



463633



3F392E

Sweetspot

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



2A3D41



4B5354



2A412E



262A2B



ABABAB



2B2B2B

Same Dimension

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



2A3D41



314E54



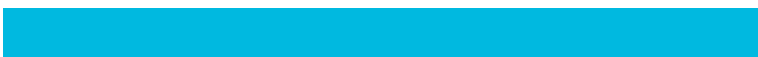
2A3241



1E2121



005061



00B9E0

Inverse Universe

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



412A3D



54314E



41392A



211E21



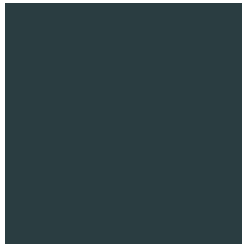
610050



E000B9

Previews

White Background



This preview shows how the Hex color 2A3D41 looks on a white background.

Color Contrast Check

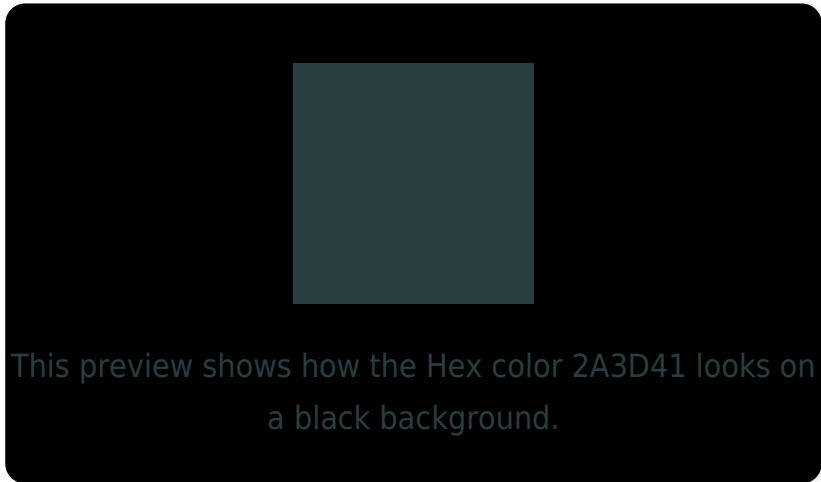
Large Text (above 18pt) WCAG AA ✓ Pass

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

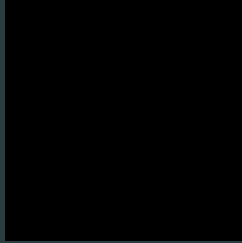
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

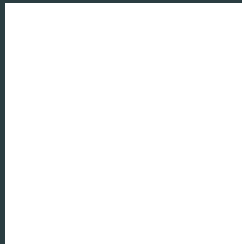
Any Text WCAG AAA × Fail

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

Hex 2A3D41 Background



This preview shows how black text looks on a background with the Hex color 2A3D41.



This preview shows how white text looks on a background with the Hex color 2A3D41.

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](#).

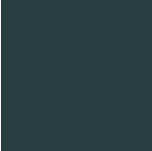
Dichromacy



Original Color
2A3D41

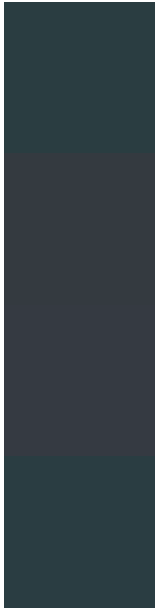
Protanopia
39393F

Deuteranopia
3B3842



Tritanopia
2A3D42

Trichromacy



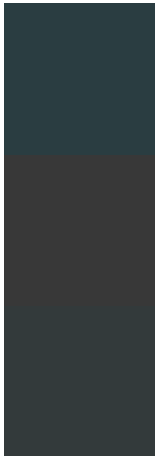
Original Color
2A3D41

Protanomaly
343A40

Deuteranomaly
353A42

Tritanomaly
2A3D42

Monochromacy



Original Color
2A3D41

Achromatopsia
383838

Achromatomaly
333A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3D41 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 #2A3D41 looks like.

```
.text, #text, p{  
    color:#2A3D41  
}
```

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 #2A3D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3D41
}
```

Border

The CSS property to change the border of an element to Hex 2A3D41 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
#2A3D41 }
```

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

```
.border{ border-color:#2A3D41 }
```

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

Here you see how a box with a 4 pixel #2A3D41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3D41; -webkit-box-shadow:4px 4px  
4px 4px #2A3D41; box-shadow:4px 4px 4px  
4px #2A3D41 }
```

Background

The CSS property to change the background color of an element to Hex 2A3D41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3D41 }
```

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

```
.background{ background-color:#2A3D41 }
```

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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