

Converting Colors

Hex(2A3C34)

Have a look what the booklet for
Hex(2A3C34) contains.

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Color

Hex(2A3C34)

Conversions

Conversions Part 1

Format	Color
Hex	2A3C34
RGB	42, 60, 52
RGB Percent	16%, 24%, 20%
CMY	0.8353, 0.7647, 0.7961
CMYK	0.30, 0.00, 0.13, 0.76
HSL	153°, 18%, 20%
HSV	153°, 30%, 24%
XYZ	3.1905, 3.9719, 3.8473
YIQ	53.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

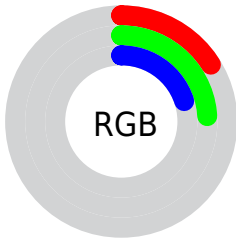
Format	Color
RYB	42, 54, 60
Decimal	2767924
CIELab	23.58, -9.30, 2.61
CIElCh	24, 9.663, 164.334
Yxy	3.9719, 0.2898, 0.3608
Android (android.graphics.Color)	4280958004 (0xFF2A3C34)
YUV	53.7060, -0.8411, -10.2662
Hunter-Lab	19.9296, -6.3007, 2.5051

Details

The Hex color **2A3C34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C2A32**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **586B62**, and **001206** is the 20% darker color. If you saturate the color by 10%, you get **243C31**, and if you desaturate by 10%, it is **303C37**.

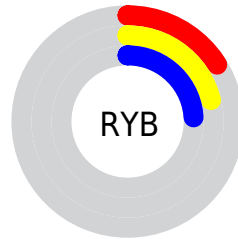
Distribution



Red (16%)

Green (24%)

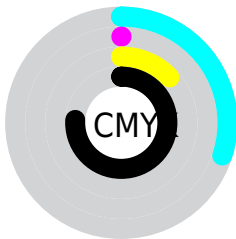
Blue (20%)



Red (16%)

Yellow (21%)

Blue (24%)

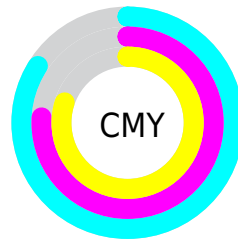


Cyan (30%)

Magenta (0%)

Yellow (13%)

Black (76%)



Cyan (84%)

Magenta (76%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3C34 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 2A3C34 by changing the saturation by 10% instead.

■ 2A3C34

■ 2A3C34

FFFFFF

■ 15261F

■ 586B62

■ 001206

■ 70857B

■ 000000

■ 8A9F95

■ A4BAB0

■ BFD5CB

■ DBF2E7

■ F8FFFF

■ 2A3C34

■ 2A3C34

■ 243C31

■ 303C37

■ 1E3C2F

■ 363C39

■ 183C2C

■ 3C3C3C

■ 123C29

■ 423C3F

■ 0C3C27

■ 483C41

■ 063C24

■ 4E3C44

■ 003C21

■ 543C47

■ 5A3C49

■ 603C4C

Harmonies

Analogous

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



323B2E



2A3C34



253C3B

Triad

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



2A3C34



343846



46342E

Complementary

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



2A3C34



3C2A32

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.



473335



2A3C34



3E3543

Square

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



2A3C34



2B3A46



44333C



41362A

Rectangle

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



2A3C34



243C40



44333C



473430

Sweetspot

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



2A3C34



484F4C



323C2A



242927



A8A8A8



292929

Same Dimension

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



2A3C34



334F42



2A3B3C



1C1F1D



005E34



00DE7B

Inverse Universe

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



3C2A32



4F333F



3C2B2A



1F1C1D



5E002A



DE0063

Previews

White Background



This preview shows how the Hex color 2A3C34 looks on a white background.

Color Contrast Check

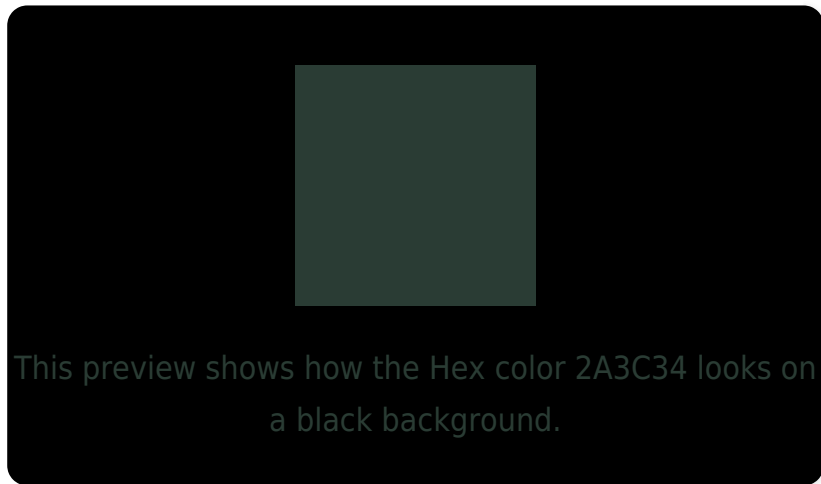
Large Text (above 18pt) WCAG AA ✓ Pass

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

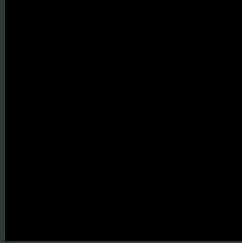
Any Text WCAG AA × Fail

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 2A3C34 Background



This preview shows how black text looks on a background with the Hex color 2A3C34.



This preview shows how white text looks on a background with the Hex color 2A3C34.

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

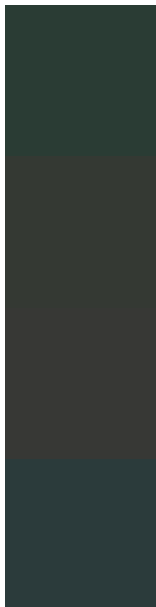


Original Color
2A3C34

Protanopia
3A3832

Deuteranopia
3E3635

Trichromacy



Original Color

2A3C34

Protanomaly

343933

Deuteranomaly

373835

Tritanomaly

2B3B3B

Monochromacy



Original Color

2A3C34

Achromatopsia

363636

Achromatomaly

323835

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3C34 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 #2A3C34 looks like.

```
.text, #text, p{  
    color:#2A3C34  
}
```

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 #2A3C34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3C34
}
```

Border

The CSS property to change the border of an element to Hex 2A3C34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

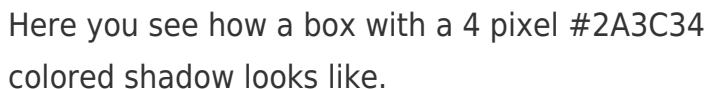
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3C34 }
```

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

```
.border{ border-color:#2A3C34 }
```

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



Here you see how a box with a 4 pixel #2A3C34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3C34; -webkit-box-shadow:4px 4px  
4px 4px #2A3C34; box-shadow:4px 4px 4px  
4px #2A3C34 }
```

Background

The CSS property to change the background color of an element to Hex 2A3C34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3C34 }
```

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

```
.background{ background-color:#2A3C34 }
```

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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