

Converting Colors

Hex(343D46)

Have a look what the booklet for
Hex(343D46) contains.

Hex(343D46)	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(343D46)

Conversions

Conversions Part 1

Format	Color
Hex	343D46
RGB	52, 61, 70
RGB Percent	20%, 24%, 27%
CMY	0.7961, 0.7608, 0.7255
CMYK	0.26, 0.13, 0.00, 0.73
HSL	210°, 15%, 24%
HSV	210°, 26%, 27%
XYZ	4.1904, 4.5097, 6.4440
YIQ	59.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

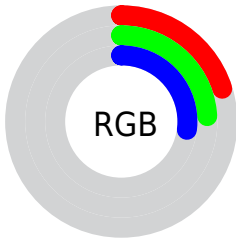
Format	Color
R_{YB}	52, 58, 70
Decimal	3423558
CIE Lab	25.29, -1.34, -6.75
CIE LCh	25, 6.882, 258.787
Yxy	4.5097, 0.2767, 0.2978
Android (android.graphics.Color)	4281613638 (0xFF343D46)
YUV	59.3350, 5.2578, -6.4328
Hunter-Lab	21.2362, -1.9409, -3.1258

Details

The Hex color **343D46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **463D34**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **636C76**, and **08131B** is the 20% darker color. If you saturate the color by 10%, you get **2D3A46**, and if you desaturate by 10%, it is **3B4146**.

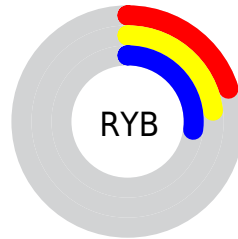
Distribution



 Red (20%)

 Green (24%)

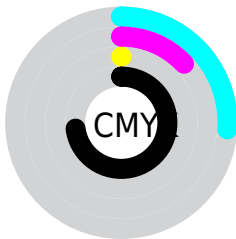
 Blue (27%)



 Red (20%)

 Yellow (23%)

 Blue (27%)

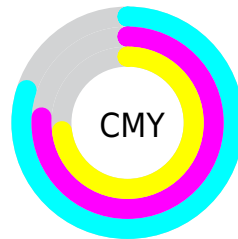


 Cyan (26%)

 Magenta (13%)

 Yellow (0%)

 Black (73%)



 Cyan (80%)

 Magenta (76%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343D46 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 343D46 by changing the saturation by 10% instead.

■ 343D46

■ 343D46

FFFFFF

■ 1E2730

■ 636C76

■ 08131B

■ 7C8690

■ 000000

■ 96A0AA

■ B0BBC6

■ CCD6E2

■ E8F3FE

■ 343D46

■ 343D46

■ 2D3A46

■ 3B4146

■ 263646

■ 424446

■ 1F3346

■ 494846

■ 182F46

■ 504B46

■ 112C46

■ 574F46

■ 0A2846

■ 5E5246

■ 032546

■ 655646

■ 002346

■ 6C5946

■ 735D46

Harmonies

Analogous

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



303E44



343D46



3A3B46

Triad

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



343D46



473839



373E35

Complementary

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



343D46



463D34

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.



3D3D32



343D46



463934

Square

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



343D46



45393E



423B32



313F3A

Rectangle

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



343D46



3F3A44



423B32



393E34

Sweetspot

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



343D46



54585C



34463D



292C2E



ADADAD



2E2E2E

Same Dimension

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



343D46



3F4E5C



343446



202224



003263



0071E3

Inverse Universe

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



46343D



5C3F4E



464634



242022



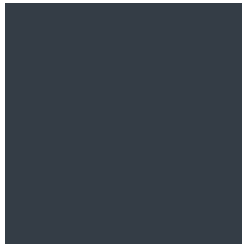
630032



E30071

Previews

White Background



This preview shows how the Hex color 343D46 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

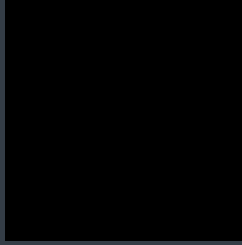
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

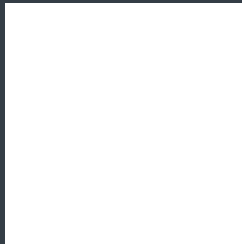
Any Text WCAG AAA × Fail

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

Hex 343D46 Background



This preview shows how black text looks on a background with the Hex color 343D46.



This preview shows how white text looks on a background with the Hex color 343D46.

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
343D46

Protanopia
3A3B45

Deuteranopia
3C3A47



Tritanopia
333E43

Trichromacy



Original Color

343D46

Protanomaly

383C45

Deuteranomaly

393B47

Tritanomaly

333E44

Monochromacy



Original Color

343D46

Achromatopsia

3B3B3B

Achromatomaly

383C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 343D46 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 #343D46 looks like.

```
.text, #text, p{  
    color:#343D46  
}
```

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 #343D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343D46
}
```

Border

The CSS property to change the border of an element to Hex 343D46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

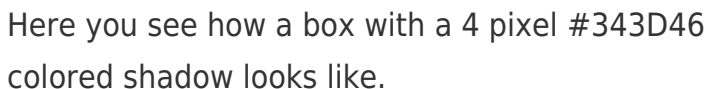
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343D46 }
```

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

```
.border{ border-color:#343D46 }
```

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



Here you see how a box with a 4 pixel #343D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343D46; -webkit-box-shadow:4px 4px  
4px 4px #343D46; box-shadow:4px 4px 4px  
4px #343D46 }
```

Background

The CSS property to change the background color of an element to Hex 343D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343D46 }
```

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

```
.background{ background-color:#343D46 }
```

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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