

Converting Colors

Hex(343C58)

Have a look what the booklet for
Hex(343C58) contains.

Hex(343C58)	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(343C58)

Conversions

Conversions Part 1

Format	Color
Hex	343C58
RGB	52, 60, 88
RGB Percent	20%, 24%, 35%
CMY	0.7961, 0.7647, 0.6549
CMYK	0.41, 0.32, 0.00, 0.65
HSL	227°, 26%, 27%
HSV	227°, 41%, 35%
XYZ	4.7935, 4.6664, 9.8806
YIQ	60.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

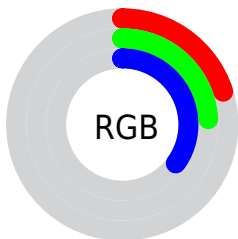
Format	Color
R_{YB}	52, 59, 88
Decimal	3423320
CIE _{Lab}	25.76, 4.72, -17.87
CIE _{LCh}	26, 18.484, 284.800
Yxy	4.6664, 0.2478, 0.2413
Android (android.graphics.Color)	4281613400 (0xFF343C58)
YUV	60.8000, 13.4096, -7.7176
Hunter-Lab	21.6018, 1.8065, -11.9978

Details

The Hex color **343C58** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **585034**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **646B8A**, and **07122A** is the 20% darker color. If you saturate the color by 10%, you get **2B3558**, and if you desaturate by 10%, it is **3D4358**.

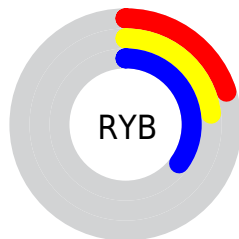
Distribution



Red (20%)

Green (24%)

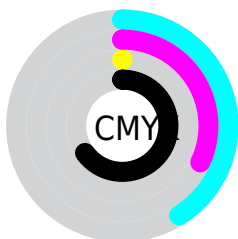
Blue (35%)



Red (20%)

Yellow (23%)

Blue (35%)

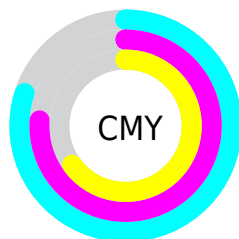


Cyan (41%)

Magenta (32%)

Yellow (0%)

Black (65%)



Cyan (80%)

Magenta (76%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343C58 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 343C58 by changing the saturation by 10% instead.



343C58



343C58

FFFFFF



1D2641



646B8A



07122A



7D84A4



000116



989EC0



000000



B3B9DB



CED5F8



EBF1FF



343C58



343C58



2B3558



3D4358

■ 222E58

■ 464A58

■ 1A2758

■ 4E5158

■ 112158

■ 575758

■ 081A58

■ 605E58

■ 001458

■ 696558

■ 726C58

■ 7A7358

■ 837A58

Harmonies

Analogous

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



1C4058



343C58



473751

Triad

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



343C58



55352A



1E4435

Complementary

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



343C58



585034

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.



304229



343C58



4C3A22

Square

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



343C58



583237



3F3E21



094544

Rectangle

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



343C58



513449



3F3E21



244331

Sweetspot

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



343C58



656873



345850



32343B



BABABA



3B3B3B

Same Dimension

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



343C58



3B4773



3E3458



27282B



00186B



0034EB

Inverse Universe

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



58343C



733B47



4E5834



2B2728



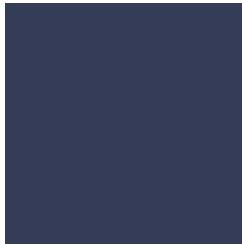
6B0018



EB0034

Previews

White Background



This preview shows how the Hex color 343C58 looks on a white background.

Color Contrast Check

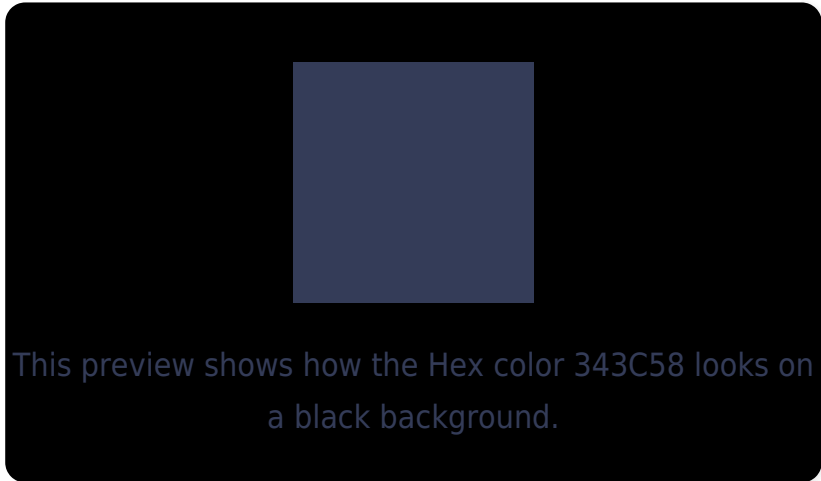
Large Text (above 18pt) WCAG AA ✓ Pass

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

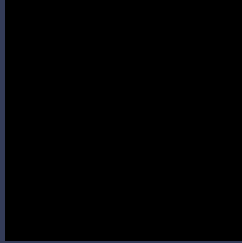
Any Text WCAG AA × Fail

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 343C58 Background



This preview shows how black text looks on a background with the Hex color 343C58.

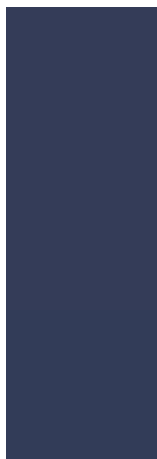


This preview shows how white text looks on a background with the Hex color 343C58.

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
343C58

Protanopia
343C58

Deuteranopia
323C58



Tritanopia
2F4045

Trichromacy



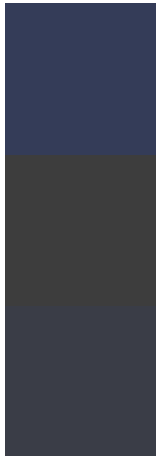
Original Color
343C58

Protanomaly
343C58

Deuteranomaly
333C58

Tritanomaly
313F4C

Monochromacy



Original Color
343C58

Achromatopsia
3D3D3D

Achromatomaly
3A3D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 343C58 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 #343C58 looks like.

```
.text, #text, p{  
    color:#343C58  
}
```

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 #343C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343C58
}
```

Border

The CSS property to change the border of an element to Hex 343C58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

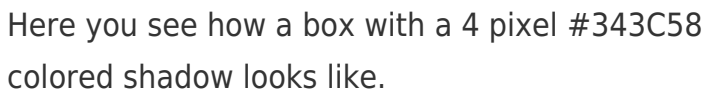
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343C58 }
```

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

```
.border{ border-color:#343C58 }
```

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



Here you see how a box with a 4 pixel #343C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343C58; -webkit-box-shadow:4px 4px  
4px 4px #343C58; box-shadow:4px 4px 4px  
4px #343C58 }
```

Background

The CSS property to change the background color of an element to Hex 343C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343C58 }
```

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

```
.background{ background-color:#343C58 }
```

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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