

Converting Colors

Hex(343E76)

Have a look what the booklet for
Hex(343E76) contains.

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Color

Hex(343E76)

Conversions

Conversions Part 1

Format	Color
Hex	343E76
RGB	52, 62, 118
RGB Percent	20%, 24%, 46%
CMY	0.7961, 0.7569, 0.5373
CMYK	0.56, 0.47, 0.00, 0.54
HSL	231°, 39%, 33%
HSV	231°, 56%, 46%
XYZ	6.4088, 5.4833, 17.8601
YIQ	65.3940, -23.9360, 15.2960

Conversions

Conversions Part 2

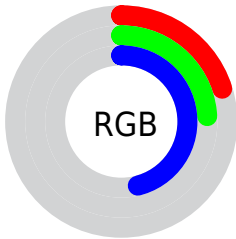
Format	Color
R_{YB}	52, 61, 118
Decimal	3423862
CIE _{Lab}	28.07, 13.55, -33.50
CIE _{LCh}	28, 36.137, 292.028
Yxy	5.4833, 0.2154, 0.1843
Android (android.graphics.Color)	4281613942 (0xFF343E76)
YUV	65.3940, 25.9348, -11.7465
Hunter-Lab	23.4165, 7.8745, -28.8299

Details

The Hex color **343E76** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **766C34**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **686DAB**, and **001545** is the 20% darker color. If you saturate the color by 10%, you get **283476**, and if you desaturate by 10%, it is **404876**.

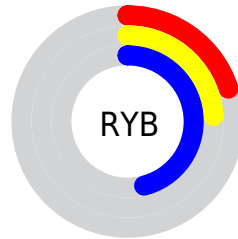
Distribution



Red (20%)

Green (24%)

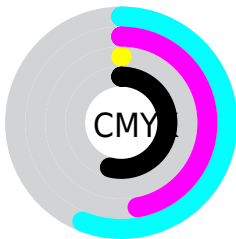
Blue (46%)



Red (20%)

Yellow (24%)

Blue (46%)

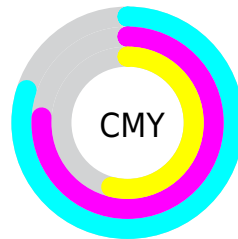


Cyan (56%)

Magenta (47%)

Yellow (0%)

Black (54%)



Cyan (80%)

Magenta (76%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343E76 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 343E76 by changing the saturation by 10% instead.

■ 343E76

■ 343E76

FFFFFF

■ 19285D

■ 686DAB

■ 001545

■ 8287C6

■ 00002E

■ 9DA1E2

■ 000119

■ B9BCFF

■ 000000

■ D5D7FF

■ F2F4FF

■ 343E76

■ 343E76

■ 283476

■ 404876

■ 1C2A76

■ 4C5276

■ 112076

■ 575C76

■ 051676

■ 636676

■ 001276

■ 6F7076

■ 7B7A76

■ 878476

■ 928E76

■ 9E9876

Harmonies

Analogous

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



004879



343E76



5D3265

Triad

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



343E76



6A3316



004F3A

Complementary

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



343E76



766C34

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.



184C1E



343E76



563E04

Square

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



343E76



74292F



3C4707



004F56

Rectangle

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



343E76



6C2A54



3C4707



004E30

Sweetspot

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



343E76



7F8399



34766B



3D404D



CCCCCC



4D4D4D

Same Dimension

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



343E76



324299



4A3476



35363B



00137A



0026FA

Inverse Universe

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



76343E



993242



607634



3B3536



7A0013



FA0026

Previews

White Background



This preview shows how the Hex color 343E76 looks on a white background.

Color Contrast Check

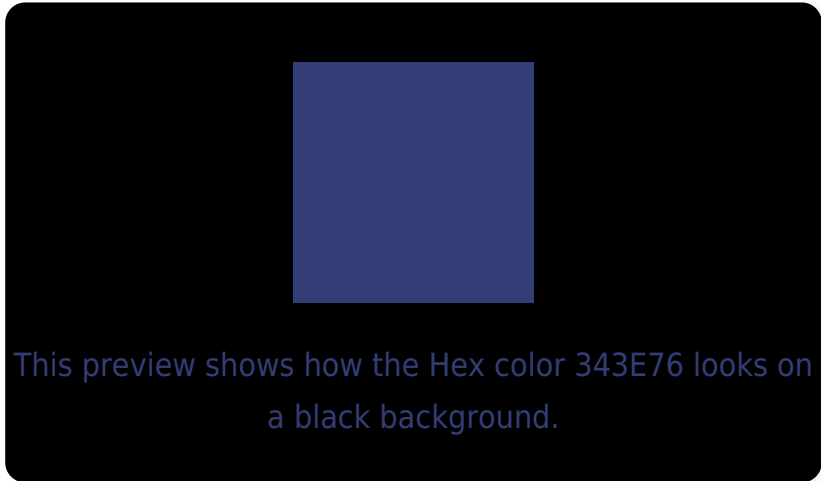
Large Text (above 18pt) WCAG AA ✓ Pass

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

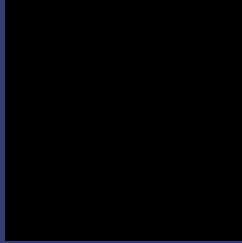
Any Text WCAG AA × Fail

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 343E76 Background



This preview shows how black text looks on a background with the Hex color 343E76.



This preview shows how white text looks on a background with the Hex color 343E76.

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](#).

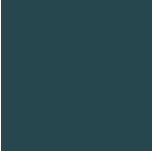
Dichromacy



Original Color
343E76

Protanopia
274078

Deuteranopia
164375



Tritanopia
25474D

Trichromacy



Original Color
343E76

Protanomaly
2C3F77

Deuteranomaly
214175

Tritanomaly
2A445C

Monochromacy



Original Color
343E76

Achromatopsia
414141

Achromatomaly
3C4054

CSS Examples

Text

The CSS property to change the color of the text to Hex 343E76 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 #343E76 looks like.

```
.text, #text, p{  
    color:#343E76  
}
```

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 #343E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343E76
}
```

Border

The CSS property to change the border of an element to Hex 343E76 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
#343E76 }
```

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

```
.border{ border-color:#343E76 }
```

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

Here you see how a box with a 4 pixel #343E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343E76; -webkit-box-shadow:4px 4px  
4px 4px #343E76; box-shadow:4px 4px 4px  
4px #343E76 }
```

Background

The CSS property to change the background color of an element to Hex 343E76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343E76 }
```

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

```
.background{ background-color:#343E76 }
```

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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