

Converting Colors

Hex(343761)

Have a look what the booklet for
Hex(343761) contains.

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Color

Hex(343761)

Conversions

Conversions Part 1

Format	Color
Hex	343761
RGB	52, 55, 97
RGB Percent	20%, 22%, 38%
CMY	0.7961, 0.7843, 0.6196
CMYK	0.46, 0.43, 0.00, 0.62
HSL	236°, 30%, 29%
HSV	236°, 46%, 38%
XYZ	4.9400, 4.3255, 11.8838
YIQ	58.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

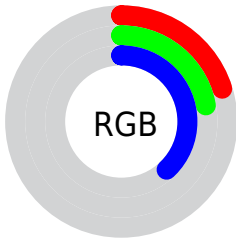
Format	Color
R_YB	52, 55, 97
Decimal	3422049
CIE Lab	24.72, 11.08, -25.37
CIE LCh	25, 27.686, 293.590
Yxy	4.3255, 0.2336, 0.2045
Android (android.graphics.Color)	4281612129 (0xFF343761)
YUV	58.8910, 18.7877, -6.0434
Hunter-Lab	20.7979, 6.0021, -19.3195

Details

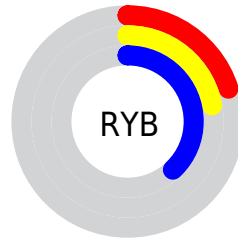
The Hex color **343761** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **615E34**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **656694**, and **040C32** is the 20% darker color. If you saturate the color by 10%, you get **2A2E61**, and if you desaturate by 10%, it is **3E4061**.

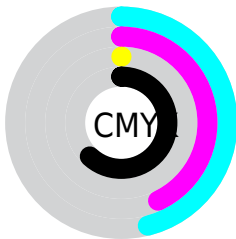
Distribution



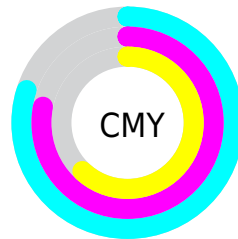
- Red (20%)
- Green (22%)
- Blue (38%)



- Red (20%)
- Yellow (22%)
- Blue (38%)



- Cyan (46%)
- Magenta (43%)
- Yellow (0%)
- Black (62%)



- Cyan (80%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343761 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 343761 by changing the saturation by 10% instead.

■ 343761

■ 343761

FFFFFF

■ 1C2249

■ 656694

■ 040C32

■ 7F7FAF

■ 00021D

■ 9999CA

■ 000000

■ B4B3E6

■ D0CFFF

■ EDEBFF

■ 343761

■ 343761

■ 2A2E61

■ 3E4061

■ 212561

■ 474961

■ 171C61

■ 515261

■ 0D1361

■ 5B5B61

■ 040A61

■ 656461

■ 000661

■ 6E6D61

■ 787661

■ 827F61

■ 8B8861

Harmonies

Analogous

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



003E64



343761



502E54

Triad

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



343761



593019



004535

Complementary

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



343761



615E34

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.



1C4321



343761



4A380F

Square

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



343761



61292B



363E12



00454B

Rectangle

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



343761



5B2A47



363E12



00442E

Sweetspot

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



343761



6B6D7D



34615E



353640



BFBFBF



404040

Same Dimension

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



343761



373C7D



483461



2C2C30



000770



0010F0

Inverse Universe

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



613437



7D373C



4E6134



302C2C



700007



F00010

Previews

White Background



This preview shows how the Hex color 343761 looks on a white background.

Color Contrast Check

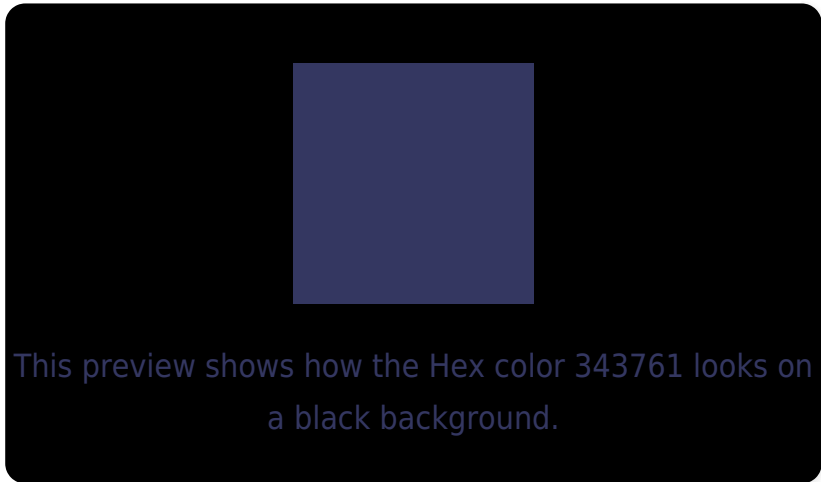
Large Text (above 18pt) WCAG AA ✓ Pass

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

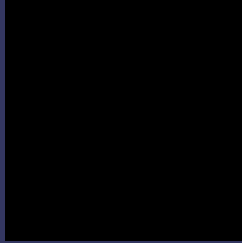
Any Text WCAG AA × Fail

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 343761 Background



This preview shows how black text looks on a background with the Hex color 343761.



This preview shows how white text looks on a background with the Hex color 343761.

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](#).

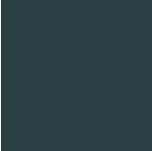
Dichromacy



Original Color
343761

Protanopia
293963

Deuteranopia
233B60



Tritanopia
2B3E43

Trichromacy



Original Color
343761

Protanomaly
2D3862

Deuteranomaly
293A60

Tritanomaly
2E3B4E

Monochromacy



Original Color
343761

Achromatopsia
3B3B3B

Achromatomaly
383A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 343761 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 #343761 looks like.

```
.text, #text, p{  
    color:#343761  
}
```

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 #343761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343761
}
```

Border

The CSS property to change the border of an element to Hex 343761 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
#343761 }
```

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

```
.border{ border-color:#343761 }
```

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

Here you see how a box with a 4 pixel #343761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343761; -webkit-box-shadow:4px 4px  
4px 4px #343761; box-shadow:4px 4px 4px  
4px #343761 }
```

Background

The CSS property to change the background color of an element to Hex 343761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343761 }
```

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

```
.background{ background-color:#343761 }
```

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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