

Converting Colors

Hex(343A64)

Have a look what the booklet for
Hex(343A64) contains.

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Color

Hex(343A64)

Conversions

Conversions Part 1

Format	Color
Hex	343A64
RGB	52, 58, 100
RGB Percent	20%, 23%, 39%
CMY	0.7961, 0.7725, 0.6078
CMYK	0.48, 0.42, 0.00, 0.61
HSL	232°, 32%, 30%
HSV	232°, 48%, 39%
XYZ	5.2295, 4.6763, 12.6836
YIQ	60.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

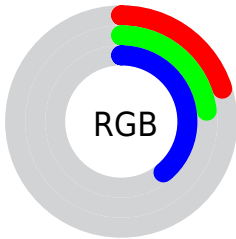
Format	Color
R_{YB}	52, 57, 100
Decimal	3422820
CIE _{Lab}	25.79, 10.03, -25.62
CIE _{LCh}	26, 27.516, 291.385
Yxy	4.6763, 0.2315, 0.2070
Android (android.graphics.Color)	4281612900 (0xFF343A64)
YUV	60.9940, 19.2300, -7.8877
Hunter-Lab	21.6247, 5.3233, -19.6382

Details

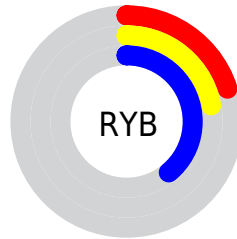
The Hex color **343A64** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **645E34**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **656997**, and **021035** is the 20% darker color. If you saturate the color by 10%, you get **2A3164**, and if you desaturate by 10%, it is **3E4364**.

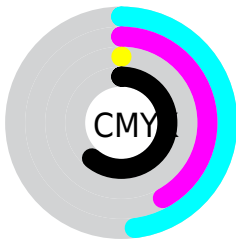
Distribution



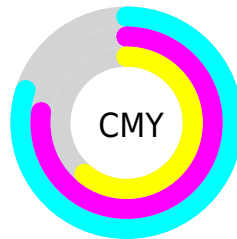
- Red (20%)
- Green (23%)
- Blue (39%)



- Red (20%)
- Yellow (22%)
- Blue (39%)



- Cyan (48%)
- Magenta (42%)
- Yellow (0%)
- Black (61%)



- Cyan (80%)
- Magenta (77%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343A64 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 343A64 by changing the saturation by 10% instead.



343A64



343A64

FFFFFF



1C254C



656997



021035



7F82B2



00021F



9A9CCE



000003



B5B7EA



000000



D1D2FF



EDEFFF



343A64



343A64



2A3164



3E4364

■ 202964

■ 484C64

■ 162064

■ 525464

■ 0C1764

■ 5C5D64

■ 020E64

■ 666664

■ 000D64

■ 706F64

■ 7A7764

■ 848064

■ 8E8964

Harmonies

Analogous

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



004166



343A64



513257

Triad

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



343A64



5D321D



004736

Complementary

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



343A64



645E34

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.



214522



343A64



4E3A12

Square

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



343A64



642C2F



3A4014



00474C

Rectangle

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



343A64



5D2D4B



3A4014



03472F

Sweetspot

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



343A64



707282



34645E



373842



C2C2C2



424242

Same Dimension

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



343A64



374082



463464



2E2F33



000E73



001EF2

Inverse Universe

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



64343A



823740



526434



332E2F



73000E



F2001E

Previews

White Background



This preview shows how the Hex color 343A64 looks on a white background.

Color Contrast Check

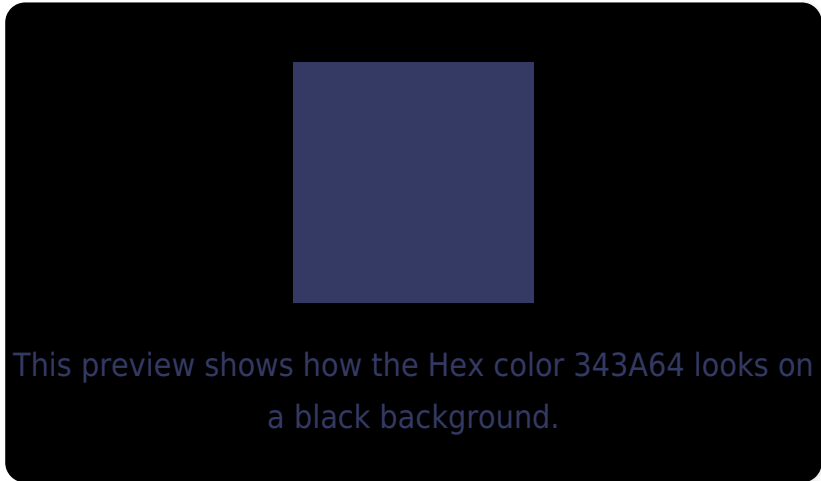
Large Text (above 18pt) WCAG AA ✓ Pass

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

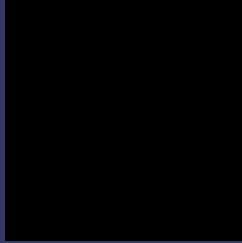
Any Text WCAG AA × Fail

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 343A64 Background



This preview shows how black text looks on a background with the Hex color 343A64.



This preview shows how white text looks on a background with the Hex color 343A64.

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
343A64

Protanopia
2C3C66

Deuteranopia
263D63



Tritanopia
2B4146

Trichromacy



Original Color

343A64

Protanomaly

2F3B65

Deuteranomaly

2B3C63

Tritanomaly

2E3E51

Monochromacy



Original Color

343A64

Achromatopsia

3D3D3D

Achromatomaly

3A3C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 343A64 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 #343A64 looks like.

```
.text, #text, p{  
    color:#343A64  
}
```

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 #343A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343A64
}
```

Border

The CSS property to change the border of an element to Hex 343A64 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
#343A64 }
```

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

```
.border{ border-color:#343A64 }
```

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

Here you see how a box with a 4 pixel #343A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343A64; -webkit-box-shadow:4px 4px  
4px 4px #343A64; box-shadow:4px 4px 4px  
4px #343A64 }
```

Background

The CSS property to change the background color of an element to Hex 343A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343A64 }
```

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

```
.background{ background-color:#343A64 }
```

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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