

Converting Colors

Hex(343465)

Have a look what the booklet for
Hex(343465) contains.

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Color

Hex(343465)

Conversions

Conversions Part 1

Format	Color
Hex	343465
RGB	52, 52, 101
RGB Percent	20%, 20%, 40%
CMY	0.7961, 0.7961, 0.6039
CMYK	0.49, 0.49, 0.00, 0.60
HSL	240°, 32%, 30%
HSV	240°, 49%, 40%
XYZ	4.9931, 4.1256, 12.8451
YIQ	57.5860, -15.7290, 15.2390

Conversions

Conversions Part 2

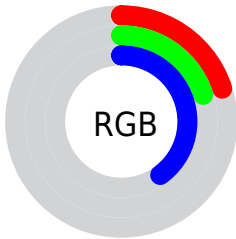
Format	Color
RYB	52, 52, 101
Decimal	3421285
CIELab	24.08, 14.49, -28.98
CIElCh	24, 32.403, 296.567
Yxy	4.1256, 0.2273, 0.1878
Android (android.graphics.Color)	4281611365 (0xFF343465)
YUV	57.5860, 21.4031, -4.8989
Hunter-Lab	20.3117, 8.3345, -23.2768

Details

The Hex color **343465** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **656534**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **666298**, and **030836** is the 20% darker color. If you saturate the color by 10%, you get **2A2A65**, and if you desaturate by 10%, it is **3E3E65**.

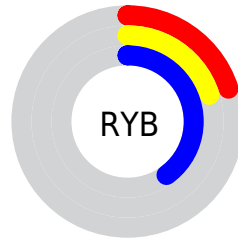
Distribution



Red (20%)

Green (20%)

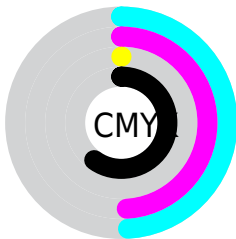
Blue (40%)



Red (20%)

Yellow (20%)

Blue (40%)

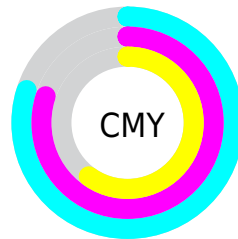


Cyan (49%)

Magenta (49%)

Yellow (0%)

Black (60%)



Cyan (80%)

Magenta (80%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343465 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 343465 by changing the saturation by 10% instead.

■ 343465

■ 343465

FFFFFF

■ 1B1F4D

■ 666298

■ 030836

■ 807BB3

■ 000220

■ 9A95CF

■ 000004

■ B6B0EB

■ 000000

■ D2CBFF

■ EEE7FF

■ 343465

■ 343465

■ 2A2A65

■ 3E3E65

■ 202065

■ 484865

■ 161665

■ 525265

■ 0C0C65

■ 5C5C65

■ 020265

■ 676765

■ 000065

■ 717165

■ 7B7B65

■ 858565

■ 8F8F65

Harmonies

Analogous

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



003D6A



343465



542954

Triad

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



343465



5A2E10



004536

Complementary

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



343465



656534

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.



0C431D



343465



483702

Square

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



343465



642425



303E08



00454E

Rectangle

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



343465



602345



303E08



00442D

Sweetspot

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



343465



6F6F82



346565



363642



C2C2C2



424242

Same Dimension

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



343465



373782



4D3465



2E2E33



000073



0000F2

Inverse Universe

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



653465



823782



4D6534



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 343465 looks on a white background.

Color Contrast Check

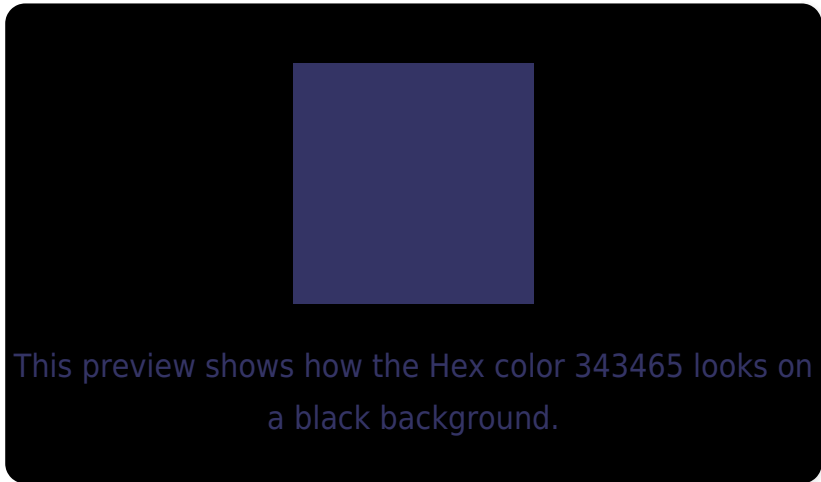
Large Text (above 18pt) WCAG AA ✓ Pass

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

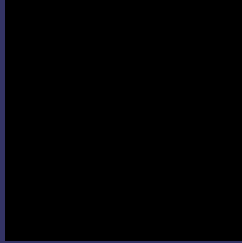
Any Text WCAG AA × Fail

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 343465 Background



This preview shows how black text looks on a background with the Hex color 343465.



This preview shows how white text looks on a background with the Hex color 343465.

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

343465

Protanopia

213869

Deuteranopia

173A64



Tritanopia
293C41

Trichromacy



Original Color
343465

Protanomaly
283768

Deuteranomaly
223864

Tritanomaly
2D394E

Monochromacy



Original Color
343465

Achromatopsia
3A3A3A

Achromatomaly
38384A

CSS Examples

Text

The CSS property to change the color of the text to Hex 343465 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 #343465 looks like.

```
.text, #text, p{  
    color:#343465  
}
```

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 #343465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343465
}
```

Border

The CSS property to change the border of an element to Hex 343465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

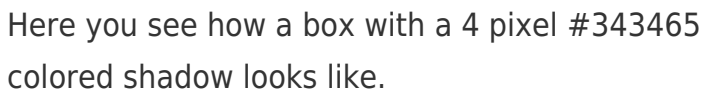
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343465 }
```

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

```
.border{ border-color:#343465 }
```

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



Here you see how a box with a 4 pixel #343465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343465; -webkit-box-shadow:4px 4px  
4px 4px #343465; box-shadow:4px 4px 4px  
4px #343465 }
```

Background

The CSS property to change the background color of an element to Hex 343465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343465 }
```

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

```
.background{ background-color:#343465 }
```

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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