

Converting Colors

Hex(343145)

Have a look what the booklet for
Hex(343145) contains.

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Color

Hex(343145)

Conversions

Conversions Part 1

Format	Color
Hex	343145
RGB	52, 49, 69
RGB Percent	20%, 19%, 27%
CMY	0.7961, 0.8078, 0.7294
CMYK	0.25, 0.29, 0.00, 0.73
HSL	249°, 17%, 23%
HSV	249°, 29%, 27%
XYZ	3.5887, 3.3564, 6.0889
YIQ	52.1770, -4.6320, 6.8560

Conversions

Conversions Part 2

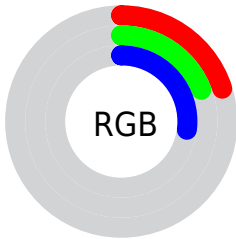
Format	Color
RYB	52, 49, 69
Decimal	3420485
CIELab	21.42, 6.45, -11.97
CIELCh	21, 13.597, 298.340
Yxy	3.3564, 0.2753, 0.2575
Android (android.graphics.Color)	4281610565 (0xFF343145)
YUV	52.1770, 8.2937, -0.1552
Hunter-Lab	18.3204, 2.9046, -6.8812

Details

The Hex color **343145** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424531**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **635F75**, and **08011A** is the 20% darker color. If you saturate the color by 10%, you get **2E2A45**, and if you desaturate by 10%, it is **3A3845**.

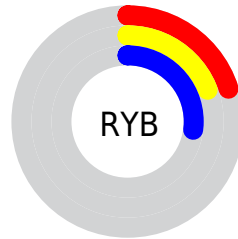
Distribution



Red (20%)

Green (19%)

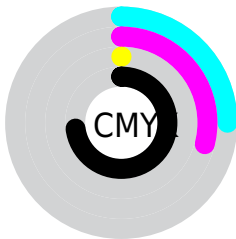
Blue (27%)



Red (20%)

Yellow (19%)

Blue (27%)

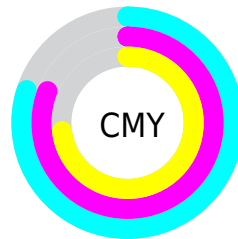


Cyan (25%)

Magenta (29%)

Yellow (0%)

Black (73%)



Cyan (80%)

Magenta (81%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343145 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 343145 by changing the saturation by 10% instead.

■ 343145

■ 343145

FFFFFF

■ 1E1C2F

■ 635F75

■ 08011A

■ 7C788F

■ 000000

■ 9691A9

■ B1ACC5

■ CCC7E1

■ E8E3FD

■ 343145

■ 343145

■ 2E2A45

■ 3A3845

■ 282345

■ 403F45

■ 221C45

■ 464645

■ 1D1545

■ 4B4D45

■ 170F45

■ 515445

■ 110845

■ 575A45

■ 0B0145

■ 5D6145

■ 0A0045

■ 636845

■ 696F45

Harmonies

Analogous

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



253447



343145



402E3E

Triad

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



343145



432F23



193932

Complementary

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



343145



424531

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.



253829



343145



3B331F

Square

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



343145



472D2A



303621



12393D

Rectangle

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



343145



452C38



303621



1D392F

Sweetspot

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



343145



525159



314245



2A292E



ADADAD



2E2E2E

Same Dimension

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



343145



3F3A59



3E3145



212024



0F0063



2200E3

Inverse Universe

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



453142



593A55



384531



242023



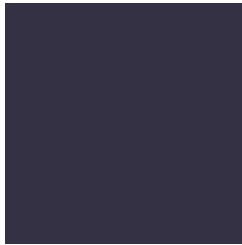
630055



E300C1

Previews

White Background



This preview shows how the Hex color 343145 looks on a white background.

Color Contrast Check

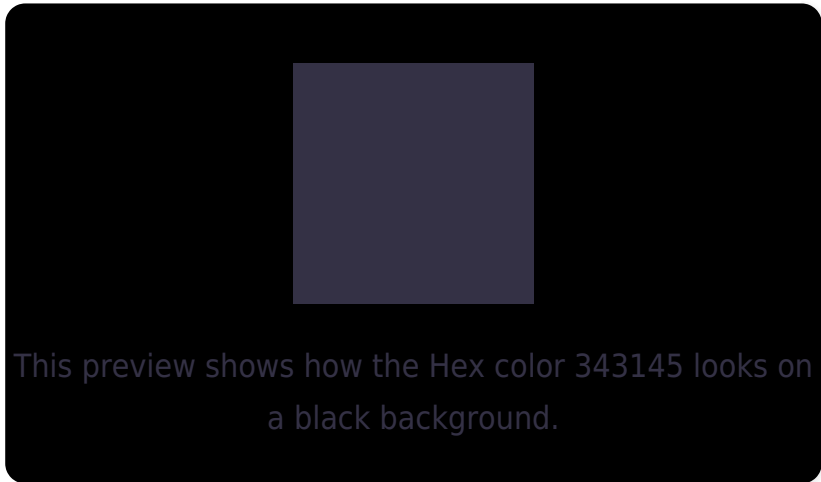
Large Text (above 18pt) WCAG AA ✓ Pass

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

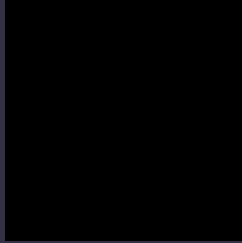
Any Text WCAG AA × Fail

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 343145 Background



This preview shows how black text looks on a background with the Hex color 343145.

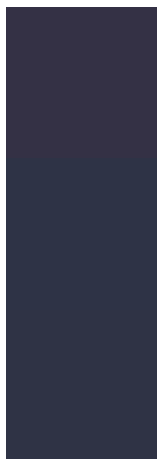


This preview shows how white text looks on a background with the Hex color 343145.

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

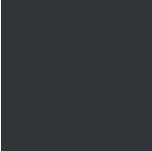
343145

Protanopia

2E3346

Deuteranopia

2F3345



Tritanopia
313438

Trichromacy



Original Color

343145

Protanomaly

303246

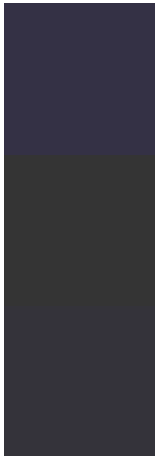
Deuteranomaly

313245

Tritanomaly

32333D

Monochromacy



Original Color

343145

Achromatopsia

343434

Achromatomaly

34333A

CSS Examples

Text

The CSS property to change the color of the text to Hex 343145 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 #343145 looks like.

```
.text, #text, p{  
    color:#343145  
}
```

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 #343145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343145
}
```

Border

The CSS property to change the border of an element to Hex 343145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

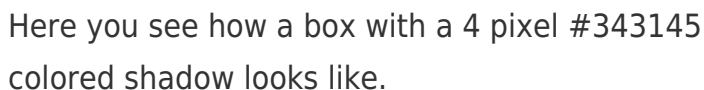
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343145 }
```

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

```
.border{ border-color:#343145 }
```

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



Here you see how a box with a 4 pixel #343145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343145; -webkit-box-shadow:4px 4px  
4px 4px #343145; box-shadow:4px 4px 4px  
4px #343145 }
```

Background

The CSS property to change the background color of an element to Hex 343145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343145 }
```

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

```
.background{ background-color:#343145 }
```

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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