

Converting Colors

Hex(343C03)

Have a look what the booklet for
Hex(343C03) contains.

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Color

Hex(343C03)

Conversions

Conversions Part 1

Format	Color
Hex	343C03
RGB	52, 60, 3
RGB Percent	20%, 24%, 1%
CMY	0.7961, 0.7647, 0.9882
CMYK	0.13, 0.00, 0.95, 0.76
HSL	68°, 90%, 12%
HSV	68°, 95%, 24%
XYZ	3.0485, 3.9684, 0.6914
YIQ	51.1100, 13.5290, -19.4230

Conversions

Conversions Part 2

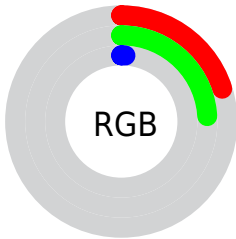
Format	Color
R_{YB}	3, 60, 11
Decimal	3423235
CIE _{Lab}	23.57, -11.68, 30.74
CIE _{LCh}	24, 32.888, 110.811
Yxy	3.9684, 0.3955, 0.5148
Android (android.graphics.Color)	4281613315 (0xFF343C03)
YUV	51.1100, -23.7182, 0.7805
Hunter-Lab	19.9207, -7.5454, 11.8866

Details

The Hex color **343C03** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B033C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **656B32**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **343C00**, and if you desaturate by 10%, it is **353C09**.

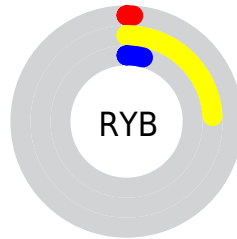
Distribution



Red (20%)

Green (24%)

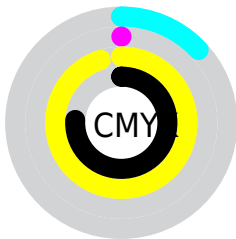
Blue (1%)



Red (1%)

Yellow (24%)

Blue (4%)

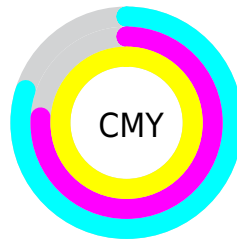


Cyan (13%)

Magenta (0%)

Yellow (95%)

Black (76%)



Cyan (80%)

Magenta (76%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343C03 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 343C03 by changing the saturation by 10% instead.

 343C03

 343C03

 FFFFE9

 1E2600

 656B32

 001300

 7E844A

 000000

 999F62

 B4B97C

 D0D596

 EDF1B1

 FFFFCC

 343C03

 343C03

■ 343C00

■ 353C09

■ 363C0F

■ 373C15

■ 373C1B

■ 383C21

■ 393C27

■ 3A3C2D

■ 3B3C33

■ 3C3C39

Harmonies

Analogous

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



4B3401



343C03



144117

Triad

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



343C03



00425E



602141

Complementary

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



343C03



0B033C

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.



4E2A58



343C03



003D69

Square

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



343C03



004449



293566



642128

Rectangle

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



343C03



004327



293566



5C2349

Sweetspot

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



343C03



4C4F38



3C0B03



27291B



A8A8A8



292929

Same Dimension

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



343C03



444F00



183C03



1E1F1C



515E00



BFDE00

Inverse Universe

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



0B033C



0B004F



27033C



1C1C1F



0D005E



1F00DE

Previews

White Background



This preview shows how the Hex color 343C03 looks on a white background.

Color Contrast Check

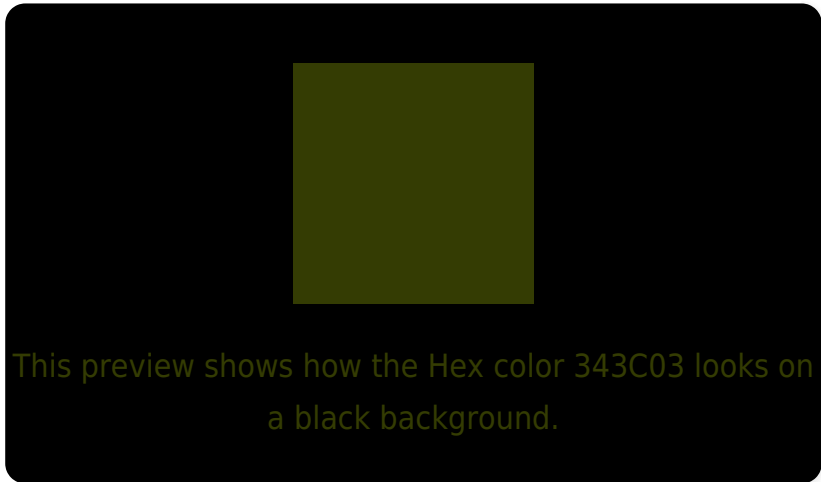
Large Text (above 18pt) WCAG AA ✓ Pass

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

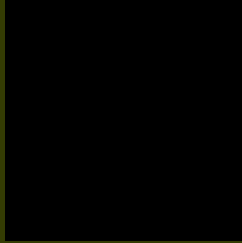
Any Text WCAG AA × Fail

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 343C03 Background



This preview shows how black text looks on a background with the Hex color 343C03.



This preview shows how white text looks on a background with the Hex color 343C03.

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
343C03

Protanopia
403800

Deuteranopia
47350B



Tritanopia
39383C

Trichromacy



Original Color
343C03

Protanomaly
3C3901

Deuteranomaly
403808

Tritanomaly
373927

Monochromacy



Original Color
343C03

Achromatopsia
333333

Achromatomaly
333622

CSS Examples

Text

The CSS property to change the color of the text to Hex 343C03 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 #343C03 looks like.

```
.text, #text, p{  
    color:#343C03  
}
```

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 #343C03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343C03
}
```

Border

The CSS property to change the border of an element to Hex 343C03 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".

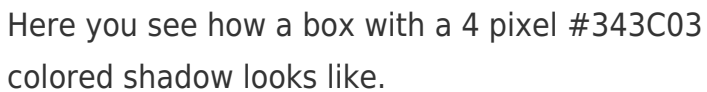
```
.border, #border, table{ border:4px solid
#343C03 }
```

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

```
.border{ border-color:#343C03 }
```

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

Here you see how a box with a 4 pixel #343C03 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343C03; -webkit-box-shadow:4px 4px  
4px 4px #343C03; box-shadow:4px 4px 4px  
4px #343C03 }
```

Background

The CSS property to change the background color of an element to Hex 343C03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343C03 }
```

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

```
.background{ background-color:#343C03 }
```

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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