

# Converting Colors

Hex(343B1B)

Have a look what the booklet for  
Hex(343B1B) contains.

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# Color

**Hex(343B1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	343B1B
RGB	52, 59, 27
RGB Percent	20%, 23%, 11%
CMY	0.7961, 0.7686, 0.8941
CMYK	0.12, 0.00, 0.54, 0.77
HSL	73°, 37%, 17%
HSV	73°, 54%, 23%
XYZ	3.1780, 3.9371, 1.6294
YIQ	53.2590, 6.1000, -11.4360

# Conversions

## Conversions Part 2

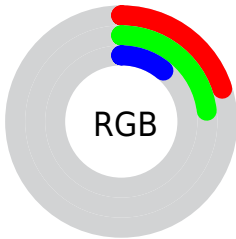
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 59, 34
Decimal	3423003
CIELab	23.46, -9.02, 18.75
CIELCh	23, 20.809, 115.680
Yxy	3.9371, 0.3634, 0.4502
Android (android.graphics.Color)	4281613083 (0xFF343B1B)
YUV	53.2590, -12.9457, -1.1041
Hunter-Lab	19.8422, -6.1349, 9.0209

# Details

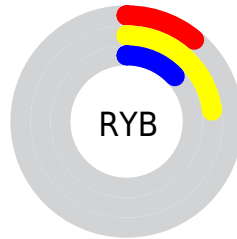
The Hex color **343B1B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **221B3B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **636A47**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **333B15**, and if you desaturate by 10%, it is **353B21**.

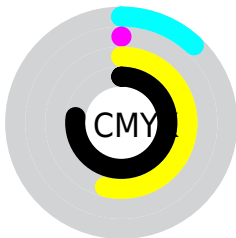
# Distribution



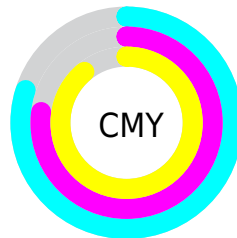
- Red (20%)
- Green (23%)
- Blue (11%)



- Red (11%)
- Yellow (23%)
- Blue (13%)



- Cyan (12%)
- Magenta (0%)
- Yellow (54%)
- Black (77%)



- Cyan (80%)
- Magenta (77%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 343B1B 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 343B1B by changing the saturation by 10% instead.





343B1B



343B1B

FFFFFF



1F2502



636A47



001100



7D835F



000000



979D78



B1B892



CDD4AD



E9F0C8



FFFFE4



343B1B



343B1B

■ 333B15

■ 353B21

■ 313B0F

■ 373B27

■ 303B09

■ 383B2D

■ 2F3B03

■ 393B33

■ 2E3B00

■ 3A3B39

■ 3C3B3E

■ 3D3B44

■ 3E3B4A

■ 403B50

# Harmonies

## Analogous

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



433618



343B1B



213E26

# Triad

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



343B1B



003E51



542B3B

# Complementary

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



343B1B



221B3B

# 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.



492F4A



343B1B



193A57

# Square

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



343B1B



004045



363554



552C2B

# Rectangle

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



343B1B



113F30



363554



512C40



# Sweetspot

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



343B1B



4A4D40



3B221B



25261F



A6A6A6



262626



# Same Dimension

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



343B1B



424D1B



243B1B



1E1F1C



4A5E00



ADDE00



# Inverse Universe

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



221B3B



261B4D



321B3B



1C1C1F



15005E



3100DE



# Previews

## White Background



This preview shows how the Hex color 343B1B looks on a white background.

## Color Contrast Check

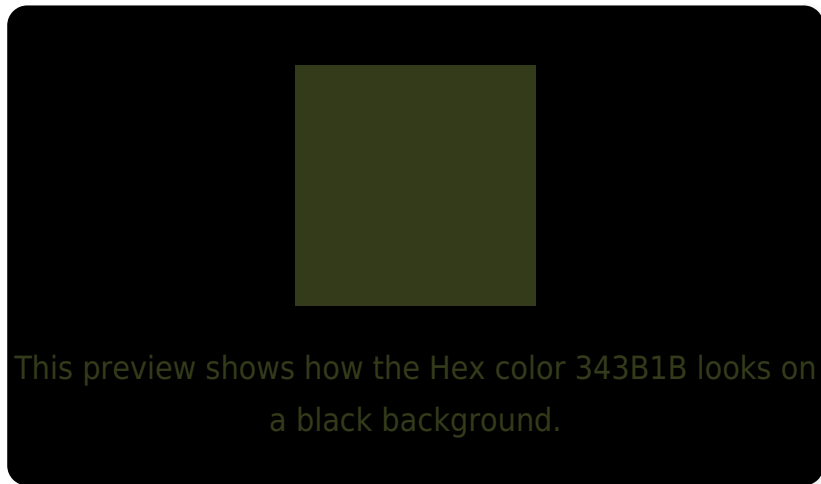
Large Text (above 18pt) WCAG AA ✓ Pass

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

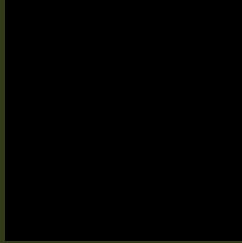
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

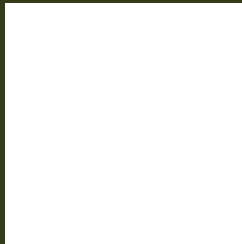
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 343B1B Background



This preview shows how black text looks on a background with the Hex color 343B1B.



This preview shows how white text looks on a background with the Hex color 343B1B.

# 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**  
343B1B

**Protanopia**  
3E381A

**Deuteranopia**  
45351D



**Tritanopia**  
38373C

# Trichromacy



**Original Color**  
343B1B

**Protanomaly**  
3A391A

**Deuteranomaly**  
3F371C

**Tritanomaly**  
373830

# Monochromacy



**Original Color**  
343B1B

**Achromatopsia**  
353535

**Achromatomaly**  
35372C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 343B1B 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 #343B1B looks like.

```
.text, #text, p{  
  color:#343B1B  
}
```

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 #343B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343B1B
}
```

## Border

The CSS property to change the border of an element to Hex 343B1B 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
#343B1B }
```

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

```
.border{ border-color:#343B1B }
```

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

Here you see how a box with a 4 pixel #343B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343B1B; -webkit-box-shadow:4px 4px  
4px 4px #343B1B; box-shadow:4px 4px 4px  
4px #343B1B }
```

# Background

The CSS property to change the background color of an element to Hex 343B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343B1B }
```

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

```
.background{ background-color:#343B1B }
```

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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