

# Converting Colors

Hex(341E31)

Have a look what the booklet for  
Hex(341E31) contains.

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# Color

**Hex(341E31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	341E31
RGB	52, 30, 49
RGB Percent	20%, 12%, 19%
CMY	0.7961, 0.8824, 0.8078
CMYK	0.00, 0.42, 0.06, 0.80
HSL	308°, 27%, 16%
HSV	308°, 42%, 20%
XYZ	2.4348, 1.8804, 3.1403
YIQ	38.7440, 7.0130, 10.5730

# Conversions

## Conversions Part 2

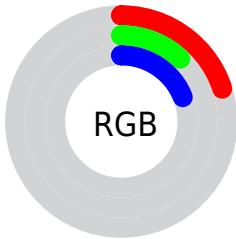
Format	Color
<b>R<sub>YB</sub></b>	52, 30, 49
Decimal	3415601
CIE Lab	14.85, 14.44, -8.15
CIE LCh	15, 16.577, 330.549
Yxy	1.8804, 0.3266, 0.2522
Android (android.graphics.Color)	4281605681 (0xFF341E31)
YUV	38.7440, 5.0562, 11.6255
Hunter-Lab	13.7126, 7.6975, -3.9792

# Details

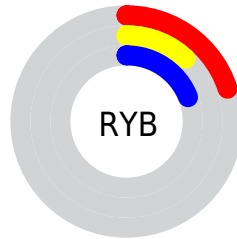
The Hex color **341E31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E3421**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **634A5F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **341930**, and if you desaturate by 10%, it is **342332**.

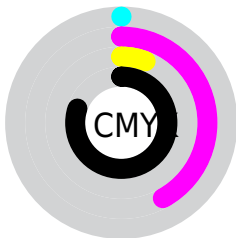
# Distribution



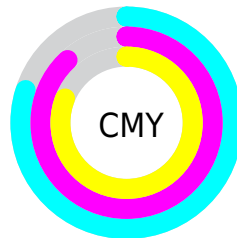
- Red (20%)
- Green (12%)
- Blue (19%)



- Red (20%)
- Yellow (12%)
- Blue (19%)



- Cyan (0%)
- Magenta (42%)
- Yellow (6%)
- Black (80%)



- Cyan (80%)
- Magenta (88%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 341E31 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 341E31 by changing the saturation by 10% instead.





341E31



341E31

FFFFFF



1F071C



634A5F



000000



7C6278



967B92



B195AC



CDB0C7



E9CBE3



FFE7FF



341E31



341E31

■ 341930

■ 342332

■ 341430

■ 342832

■ 340E2F

■ 342E33

■ 34092E

■ 343334

■ 34042D

■ 343835

■ 34002D

■ 343D35

■ 344236

■ 344837

■ 344D37

# Harmonies

## Analogous

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



272239



341E31



3B1C26

# Triad

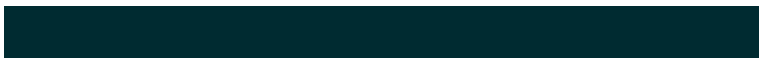
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



341E31



2C250C



002B31

# Complementary

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



341E31



1E3421

# 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.



002B25



341E31



202810

# Square

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



341E31



362111



122A19



002A39

# Rectangle

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



341E31



3C1C1E



122A19



002B2D



# Sweetspot

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



341E31



453C44



211E34



241E23



A3A3A3



242424



# Same Dimension

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



341E31



452240



341E26



1A1719



59004D



D900BB



# Inverse Universe

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



341E31



452240



1E342C



1A1719



59004D

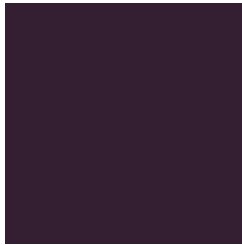


D900BB



# Previews

## White Background



This preview shows how the Hex color 341E31 looks on a white background.

## Color Contrast Check

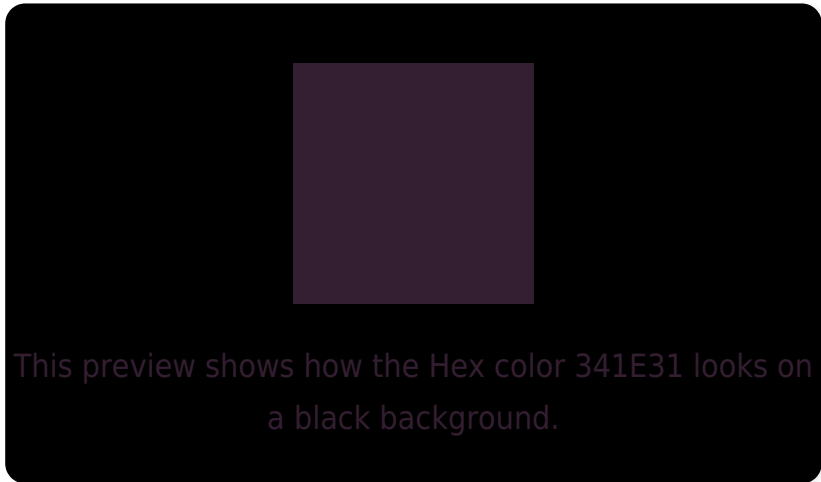
Large Text (above 18pt) WCAG AA ✓ Pass

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

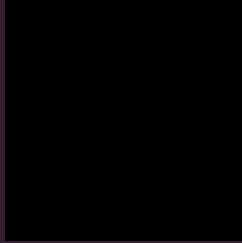
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 341E31 Background



This preview shows how black text looks on a background with the Hex color 341E31.



This preview shows how white text looks on a background with the Hex color 341E31.

# 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](#).

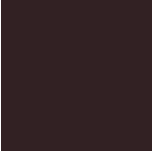
## Dichromacy



**Original Color**  
341E31

**Protanopia**  
202537

**Deuteranopia**  
242530



**Tritanopia**  
322123

# Trichromacy



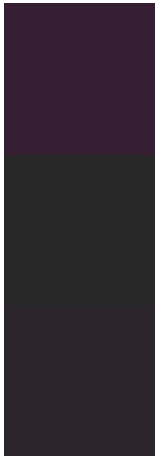
**Original Color**  
341E31

**Protanomaly**  
272235

**Deuteranomaly**  
2A2230

**Tritanomaly**  
332028

# Monochromacy



**Original Color**  
341E31

**Achromatopsia**  
272727

**Achromatomaly**  
2C242B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 341E31 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 #341E31 looks like.

```
.text, #text, p{  
    color:#341E31  
}
```

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 #341E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #341E31
}
```

## Border

The CSS property to change the border of an element to Hex 341E31 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".

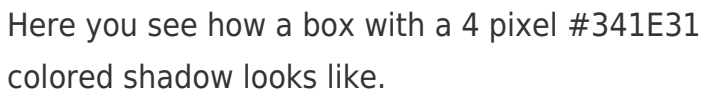
```
.border, #border, table{ border:4px solid
#341E31 }
```

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

```
.border{ border-color:#341E31 }
```

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

Here you see how a box with a 4 pixel #341E31 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #341E31; -webkit-box-shadow:4px 4px  
4px 4px #341E31; box-shadow:4px 4px 4px  
4px #341E31 }
```

# Background

The CSS property to change the background color of an element to Hex 341E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#341E31 }
```

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

```
.background{ background-color:#341E31 }
```

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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