

Converting Colors

Hex(341E37)

Have a look what the booklet for
Hex(341E37) contains.

Hex(341E37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(341E37)

Conversions

Conversions Part 1

Format	Color
Hex	341E37
RGB	52, 30, 55
RGB Percent	20%, 12%, 22%
CMY	0.7961, 0.8824, 0.7843
CMYK	0.05, 0.45, 0.00, 0.78
HSL	293°, 29%, 17%
HSV	293°, 45%, 22%
XYZ	2.5700, 1.9344, 3.8524
YIQ	39.4280, 5.0870, 12.4390

Conversions

Conversions Part 2

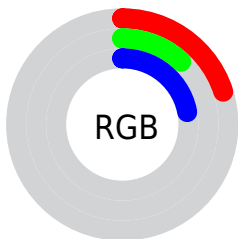
Format	Color
RYB	52, 30, 55
Decimal	3415607
CIELab	15.14, 15.85, -11.97
CIELCh	15, 19.863, 322.945
Yxy	1.9344, 0.3075, 0.2315
Android (android.graphics.Color)	4281605687 (0xFF341E37)
YUV	39.4280, 7.6770, 11.0256
Hunter-Lab	13.9084, 8.6439, -6.6862

Details

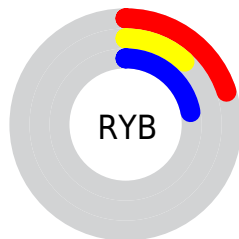
The Hex color **341E37** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21371E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **634A66**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **331937**, and if you desaturate by 10%, it is **352437**.

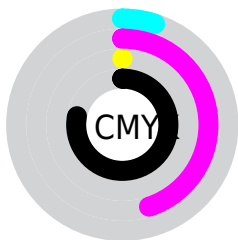
Distribution



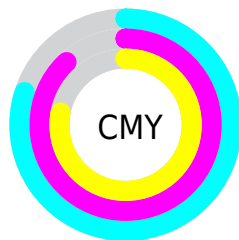
- Red (20%)
- Green (12%)
- Blue (22%)



- Red (20%)
- Yellow (12%)
- Blue (22%)



- Cyan (5%)
- Magenta (45%)
- Yellow (0%)
- Black (78%)



- Cyan (80%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 341E37 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 341E37 by changing the saturation by 10% instead.

■ 341E37

■ 341E37

FFFFFF

■ 1F0822

■ 634A66

■ 000009

■ 7C627F

■ 000000

■ 967B99

■ B195B4

■ CDB0CF

■ E9CBEB

■ FFE8FF

■ 341E37

■ 341E37

■ 331937

■ 352437

■ 331337

■ 352937

■ 320D37

■ 362F37

■ 310837

■ 373437

■ 310237

■ 373A37

■ 300037

■ 383F37

■ 394537

■ 394A37

■ 3A5037

Harmonies

Analogous

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



212440



341E37



3E1A2A

Triad

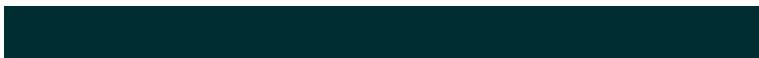
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



341E37



312406



002D30

Complementary

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



341E37



21371E

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.



002D22



341E37



242809

Square

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



341E37



3B1F0F



122B14



002C3C

Rectangle

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



341E37



401A20



122B14



002D2C

Sweetspot

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



341E37



463D47



1E2137



231E24



A3A3A3



242424

Same Dimension

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



341E37



432047



371E2E



1C191C



51005C



C100DB

Inverse Universe

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



371E21



472025



1E3727



1C191A



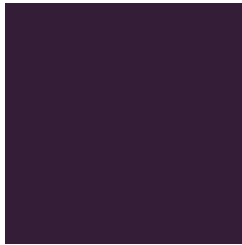
5C000B



DB001A

Previews

White Background



This preview shows how the Hex color 341E37 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

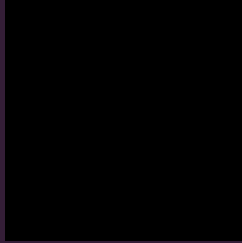
Any Text WCAG AA × Fail

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 341E37 Background



This preview shows how black text looks on a background with the Hex color 341E37.



This preview shows how white text looks on a background with the Hex color 341E37.

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
341E37

Protanopia
1D263D

Deuteranopia
212636



Tritanopia
322225

Trichromacy



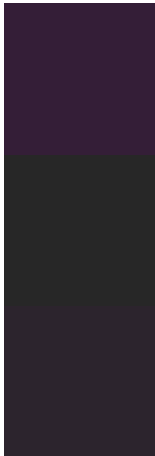
Original Color
341E37

Protanomaly
25233B

Deuteranomaly
282336

Tritanomaly
33212C

Monochromacy



Original Color
341E37

Achromatopsia
272727

Achromatomaly
2C242D

CSS Examples

Text

The CSS property to change the color of the text to Hex 341E37 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 #341E37 looks like.

```
.text, #text, p{  
    color:#341E37  
}
```

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 #341E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #341E37
}
```

Border

The CSS property to change the border of an element to Hex 341E37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

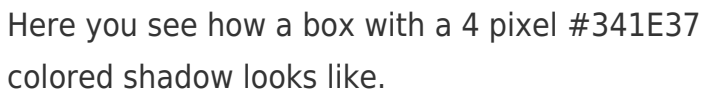
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#341E37 }
```

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

```
.border{ border-color:#341E37 }
```

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



Here you see how a box with a 4 pixel #341E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #341E37; -webkit-box-shadow:4px 4px  
4px 4px #341E37; box-shadow:4px 4px 4px  
4px #341E37 }
```

Background

The CSS property to change the background color of an element to Hex 341E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#341E37 }
```

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

```
.background{ background-color:#341E37 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor