

Converting Colors

Hex(341EE7)

Have a look what the booklet for
Hex(341EE7) contains.

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Color

Hex(341EE7)

Conversions

Conversions Part 1

Format	Color
Hex	341EE7
RGB	52, 30, 231
RGB Percent	20%, 12%, 91%
CMY	0.7961, 0.8824, 0.0941
CMYK	0.77, 0.87, 0.00, 0.09
HSL	247°, 81%, 51%
HSV	247°, 87%, 91%
XYZ	16.3043, 7.4281, 76.1757
YIQ	59.4920, -51.4090, 67.1750

Conversions

Conversions Part 2

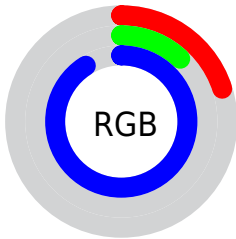
Format	Color
RYB	52, 30, 231
Decimal	3415783
CIELab	32.76, 67.63, -93.47
CIELCh	33, 115.377, 305.888
Yxy	7.4281, 0.1632, 0.0743
Android (android.graphics.Color)	4281605863 (0xFF341EE7)
YUV	59.4920, 84.5534, -6.5705
Hunter-Lab	27.2546, 59.0867, -146.6355

Details

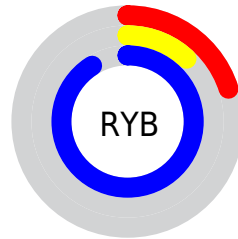
The Hex color **341EE7** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **D1E71E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8254FF**, and **0000AE** is the 20% darker color. If you saturate the color by 10%, you get **1F07E7**, and if you desaturate by 10%, it is **4935E7**.

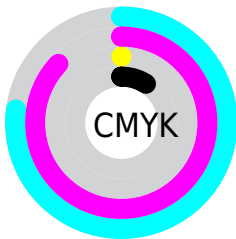
Distribution



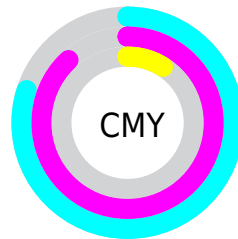
- Red (20%)
- Green (12%)
- Blue (91%)



- Red (20%)
- Yellow (12%)
- Blue (91%)



- Cyan (77%)
- Magenta (87%)
- Yellow (0%)
- Black (9%)



- Cyan (80%)
- Magenta (88%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 341EE7 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 341EE7 by changing the saturation by 10% instead.

341EE7

341EE7

FFFFFF

0000CA

8254FF

0000AE

A26FFF

000092

C38AFF

000077

E3A5FF

000E5D

FFC1FF

000844

FFDEFF

00032D

FFFBFF

000118

000000

■ 341EE7

■ 341EE7

■ 1F07E7

■ 4935E7

■ 1900E7

■ 5D4CE7

■ 7263E7

■ 867AE7

■ 9B92E7

■ AFA9E7

■ C4C0E7

■ D9D7E7

■ EDEEE7

Harmonies

Analogous

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



005AFF



341EE7



BD009A

Triad

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



341EE7



961F00



00685E

Complementary

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



341EE7



D1E71E

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.



006500



341EE7



4F5100

Square

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



341EE7



C80000



006000



006BB9

Rectangle

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



341EE7



D7005E



006000



00673E

Sweetspot

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



341EE7



C4BDFE



1ED3E7



5C5880



000000



808080

Same Dimension

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



341EE7



1C00FF



971EE7



696773



1400B3



060033

Inverse Universe

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



E71ED1



FF00E3



6EE71E



736771



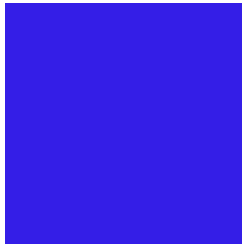
B3009F



33002D

Previews

White Background



This preview shows how the Hex color 341EE7 looks on a white background.

Color Contrast Check

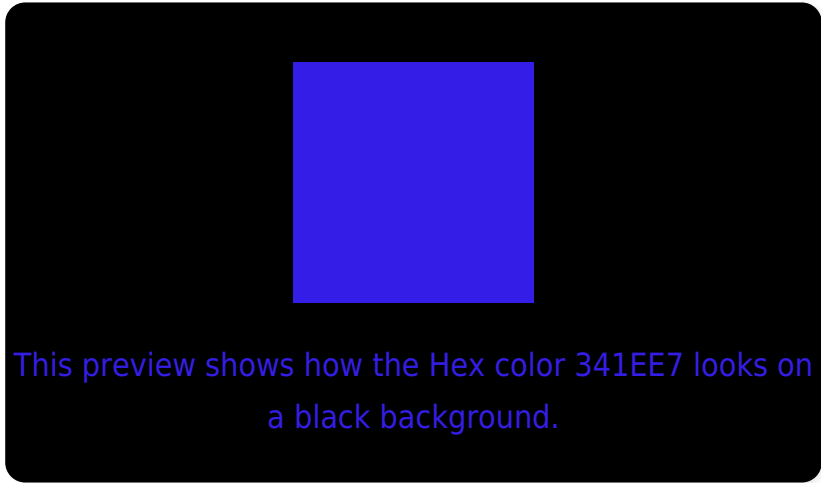
Large Text (above 18pt) WCAG AA ✓ Pass

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

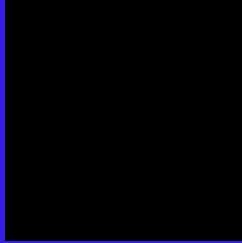
Any Text WCAG AA × Fail

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 341EE7 Background



This preview shows how black text looks on a background with the Hex color 341EE7.



This preview shows how white text looks on a background with the Hex color 341EE7.

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
341EE7

Protanopia
004A9B

Deuteranopia
004F84

Trichromacy



Original Color
341EE7

Protanomaly
133AB7

Deuteranomaly
133DA8

Tritanomaly
13418D

Monochromacy



Original Color
341EE7

Achromatopsia
3B3B3B

Achromatomaly
38307A

CSS Examples

Text

The CSS property to change the color of the text to Hex 341EE7 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 #341EE7 looks like.

```
.text, #text, p{  
    color:#341EE7  
}
```

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 #341EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #341EE7
}
```

Border

The CSS property to change the border of an element to Hex 341EE7 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
#341EE7 }
```

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

```
.border{ border-color:#341EE7 }
```

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

Here you see how a box with a 4 pixel #341EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #341EE7; -webkit-box-shadow:4px 4px  
4px 4px #341EE7; box-shadow:4px 4px 4px  
4px #341EE7 }
```

Background

The CSS property to change the background color of an element to Hex 341EE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#341EE7 }
```

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

```
.background{ background-color:#341EE7 }
```

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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