

Converting Colors

Hex(341F8A)

Have a look what the booklet for
Hex(341F8A) contains.

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Color

Hex(341F8A)

Conversions

Conversions Part 1

Format	Color
Hex	341F8A
RGB	52, 31, 138
RGB Percent	20%, 12%, 54%
CMY	0.7961, 0.8784, 0.4588
CMYK	0.62, 0.78, 0.00, 0.46
HSL	252°, 63%, 33%
HSV	252°, 78%, 54%
XYZ	6.4936, 3.5450, 24.3868
YIQ	49.4770, -21.8310, 37.7290

Conversions

Conversions Part 2

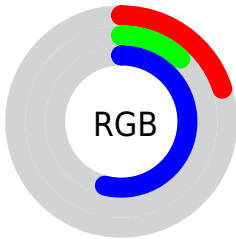
Format	Color
R_{YB}	52, 31, 138
Decimal	3415946
CIE Lab	22.11, 40.15, -55.76
CIE LCh	22, 68.710, 305.757
Yxy	3.5450, 0.1886, 0.1030
Android (android.graphics.Color)	4281606026 (0xFF341F8A)
YUV	49.4770, 43.6418, 2.2127
Hunter-Lab	18.8282, 28.6130, -63.6141

Details

The Hex color **341F8A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **758A1F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6D4EC1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **29118A**, and if you desaturate by 10%, it is **3F2D8A**.

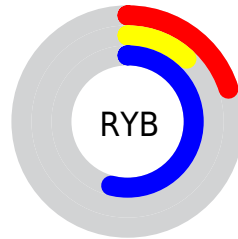
Distribution



Red (20%)

Green (12%)

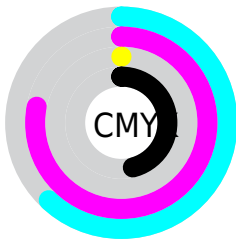
Blue (54%)



Red (20%)

Yellow (12%)

Blue (54%)

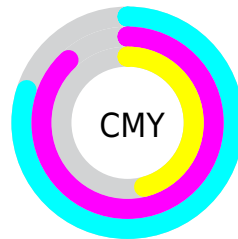


Cyan (62%)

Magenta (78%)

Yellow (0%)

Black (46%)



Cyan (80%)

Magenta (88%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 341F8A 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 341F8A by changing the saturation by 10% instead.



341F8A



341F8A

FFFFFF



0F0770



6D4EC1



000057



8967DD



00023E



A680FA



000328



C39BFF



000111



E0B6FF



000000



FED2FF



FFEEFF



341F8A



341F8A

■ 29118A

■ 3F2D8A

■ 1E038A

■ 4A3B8A

■ 1B008A

■ 55488A

■ 60568A

■ 6B648A

■ 77728A

■ 82808A

■ 8D8D8A

■ 989B8A

Harmonies

Analogous

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



003B9E



341F8A



750060

Triad

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



341F8A



621F00



00473E

Complementary

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



341F8A



758A1F

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.



004502



341F8A



393700

Square

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



341F8A



7E0000



004100



004771

Rectangle

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



341F8A



84003F



004100



00462C

Sweetspot

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



341F8A



9289B3



1F768A



454059



D9D9D9



595959

Same Dimension

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



341F8A



2D0CB3



681F8A



3F3E45



1A0085



010005

Inverse Universe

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



8A1F75



B30C92



418A1F



453E43



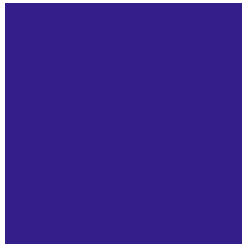
85006B



050004

Previews

White Background



This preview shows how the Hex color 341F8A looks on a white background.

Color Contrast Check

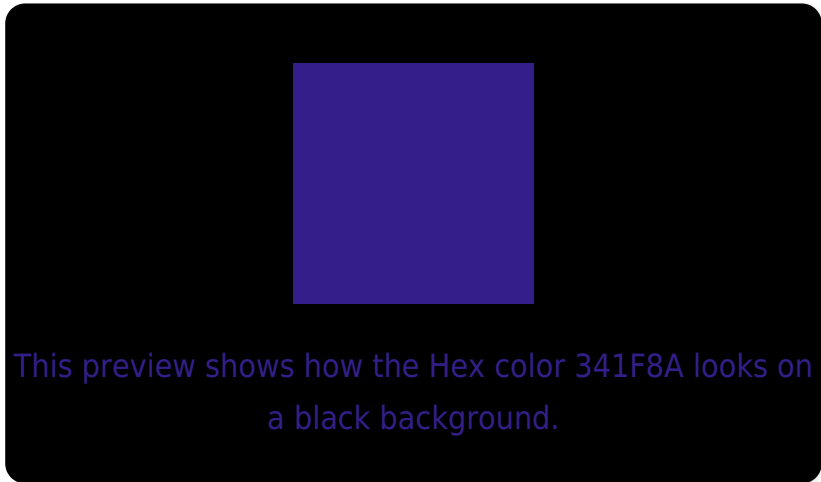
Large Text (above 18pt) WCAG AA ✓ Pass

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

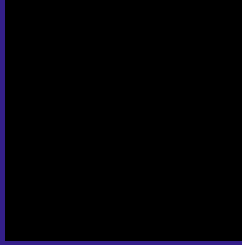
Any Text WCAG AA × Fail

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 341F8A Background



This preview shows how black text looks on a background with the Hex color 341F8A.



This preview shows how white text looks on a background with the Hex color 341F8A.

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

341F8A

Protanopia

00346D

Deuteranopia

00375D



Tritanopia
003B40

Trichromacy



Original Color
341F8A

Protanomaly
132C78

Deuteranomaly
132E6D

Tritanomaly
13315B

Monochromacy



Original Color
341F8A

Achromatopsia
313131

Achromatomaly
322A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 341F8A 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 #341F8A looks like.

```
.text, #text, p{  
    color:#341F8A  
}
```

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 #341F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #341F8A
}
```

Border

The CSS property to change the border of an element to Hex 341F8A 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".

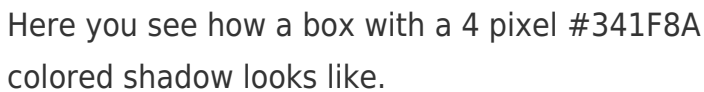
```
.border, #border, table{ border:4px solid
#341F8A }
```

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

```
.border{ border-color:#341F8A }
```

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

Here you see how a box with a 4 pixel #341F8A 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 on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #341F8A; -webkit-box-shadow:4px 4px  
4px 4px #341F8A; box-shadow:4px 4px 4px  
4px #341F8A }
```

Background

The CSS property to change the background color of an element to Hex 341F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#341F8A }
```

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

```
.background{ background-color:#341F8A }
```

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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