

Converting Colors

Hex(341C85)

Have a look what the booklet for
Hex(341C85) contains.

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Color

Hex(341C85)

Conversions

Conversions Part 1

Format	Color
Hex	341C85
RGB	52, 28, 133
RGB Percent	20%, 11%, 52%
CMY	0.7961, 0.8902, 0.4784
CMYK	0.61, 0.79, 0.00, 0.48
HSL	254°, 65%, 32%
HSV	254°, 79%, 52%
XYZ	6.0651, 3.2540, 22.4987
YIQ	47.1460, -19.4010, 37.7430

Conversions

Conversions Part 2

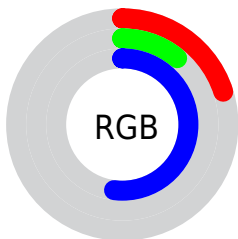
Format	Color
R _{YB}	52, 28, 133
Decimal	3415173
CIE Lab	21.03, 40.17, -54.39
CIE LCh	21, 67.617, 306.452
Yxy	3.2540, 0.1906, 0.1023
Android (android.graphics.Color)	4281605253 (0xFF341C85)
YUV	47.1460, 42.3260, 4.2570
Hunter-Lab	18.0389, 28.4473, -61.3212

Details

The Hex color **341C85** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6D851C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6D4BBB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **2A0F85**, and if you desaturate by 10%, it is **3E2985**.

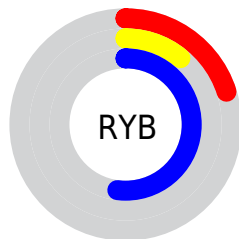
Distribution



Red (20%)

Green (11%)

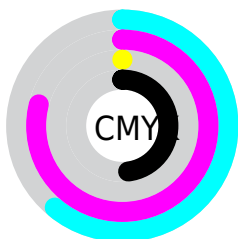
Blue (52%)



Red (20%)

Yellow (11%)

Blue (52%)

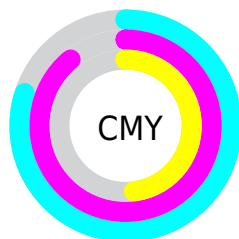


Cyan (61%)

Magenta (79%)

Yellow (0%)

Black (48%)



Cyan (80%)

Magenta (89%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 341C85 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 341C85 by changing the saturation by 10% instead.



341C85



341C85

FFFFFF



11046B



6D4BBB



000052



8964D7



00043A



A57DF4



000223



C198FF



00000B



DFB3FF



000000



FCCFFF



FFEBFF



341C85



341C85

■ 2A0F85

■ 3E2985

■ 1F0185

■ 493785

■ 1E0085

■ 534485

■ 5D5185

■ 675F85

■ 726C85

■ 7C7985

■ 868685

■ 909485

Harmonies

Analogous

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



003899



341C85



72005C

Triad

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



341C85



5D1E00



00443D

Complementary

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



341C85



6D851C

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.



004202



341C85



363500

Square

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



341C85



790000



003E00



00456E

Rectangle

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



341C85



80003B



003E00



00432B

Sweetspot

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



341C85



8D84AD



1C6E85



433E57



D6D6D6



575757

Same Dimension

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



341C85



2E09AD



671C85



3D3C42



1E0082



010003

Inverse Universe

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



851C6D



AD0988



3A851C



423C41



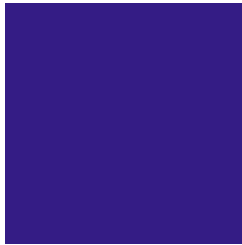
820064



030002

Previews

White Background



This preview shows how the Hex color 341C85 looks on a white background.

Color Contrast Check

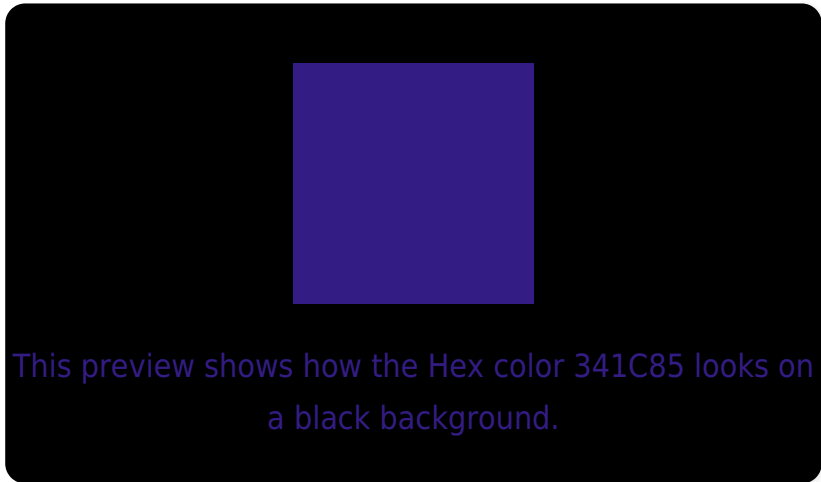
Large Text (above 18pt) WCAG AA ✓ Pass

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

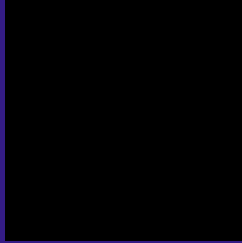
Any Text WCAG AA × Fail

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 341C85 Background



This preview shows how black text looks on a background with the Hex color 341C85.

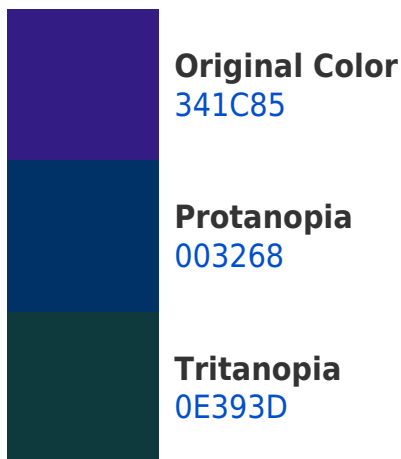


This preview shows how white text looks on a background with the Hex color 341C85.

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



Trichromacy

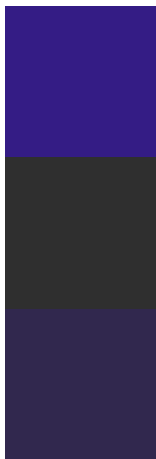


Original Color
341C85

Protanomaly
132A73

Tritanomaly
1C2E57

Monochromacy



Original Color
341C85

Achromatopsia
2F2F2F

Achromatomaly
31284E

CSS Examples

Text

The CSS property to change the color of the text to Hex 341C85 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 #341C85 looks like.

```
.text, #text, p{  
    color:#341C85  
}
```

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 #341C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #341C85
}
```

Border

The CSS property to change the border of an element to Hex 341C85 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
#341C85 }
```

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

```
.border{ border-color:#341C85 }
```

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

Here you see how a box with a 4 pixel #341C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #341C85; -webkit-box-shadow:4px 4px  
4px 4px #341C85; box-shadow:4px 4px 4px  
4px #341C85 }
```

Background

The CSS property to change the background color of an element to Hex 341C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#341C85 }
```

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

```
.background{ background-color:#341C85 }
```

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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