

# Converting Colors

Hex(341485)

Have a look what the booklet for  
Hex(341485) contains.

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# Color

**Hex(341485)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	341485
RGB	52, 20, 133
RGB Percent	20%, 8%, 52%
CMY	0.7961, 0.9216, 0.4784
CMYK	0.61, 0.85, 0.00, 0.48
HSL	257°, 74%, 30%
HSV	257°, 85%, 52%
XYZ	5.9000, 2.9238, 22.4437
YIQ	42.4500, -17.2010, 41.9270

# Conversions

## Conversions Part 2

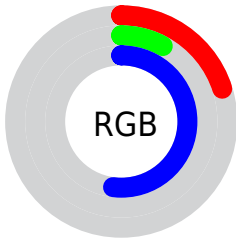
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 20, 133
Decimal	3413125
CIE <sub>Lab</sub>	19.74, 43.94, -56.53
CIE <sub>LCh</sub>	20, 71.596, 307.857
Yxy	2.9238, 0.1887, 0.0935
Android (android.graphics.Color)	4281603205 (0xFF341485)
YUV	42.4500, 44.6412, 8.3754
Hunter-Lab	17.0992, 31.6666, -65.8521

# Details

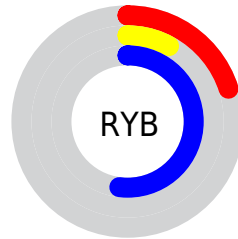
The Hex color **341485** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **658514**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6D45BB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **2A0785**, and if you desaturate by 10%, it is **3E2185**.

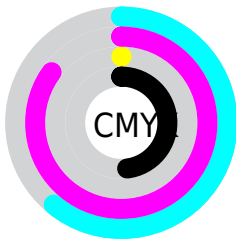
# Distribution



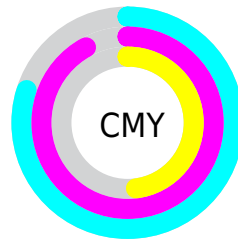
- Red (20%)
- Green (8%)
- Blue (52%)



- Red (20%)
- Yellow (8%)
- Blue (52%)



- Cyan (61%)
- Magenta (85%)
- Yellow (0%)
- Black (48%)



- Cyan (80%)
- Magenta (92%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 341485 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 341485 by changing the saturation by 10% instead.





341485



341485

FFFFFF



10006B



6D45BB



000052



895ED7



00053A



A677F4



000223



C291FF



00000B



E0ACFF



000000



FDC8FF



FFE4FF



341485



341485

■ 2A0785

■ 3E2185

■ 260085

■ 472F85

■ 513C85

■ 5A4985

■ 645785

■ 6D6485

■ 777185

■ 807E85

■ 8A8C85

# Harmonies

## Analogous

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



00359C



341485



730058

# Triad

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



341485



5A1B00



00413D

# Complementary

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



341485



658514

# 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.



004000



341485



303300

# Square

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



341485



770000



003C00



004271

# Rectangle

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



341485



810036



003C00



00412B



# Sweetspot

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



341485



8E82AD



146785



443D57



D6D6D6



575757



# Same Dimension

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



341485



3100AD



6B1485



3E3C42



250082



010003



# Inverse Universe

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



851465



AD007C



2E8514



423C40



82005D

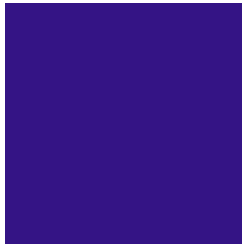


030002



# Previews

## White Background



This preview shows how the Hex color 341485 looks on a white background.

## Color Contrast Check

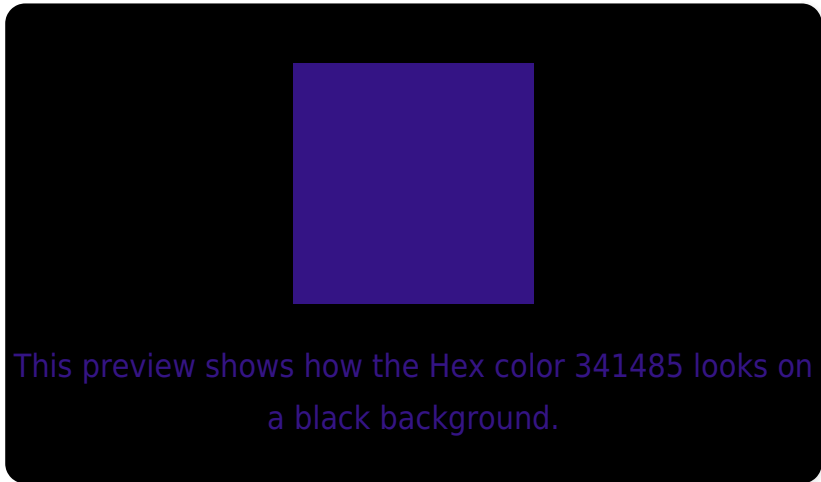
Large Text (above 18pt) WCAG AA ✓ Pass

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

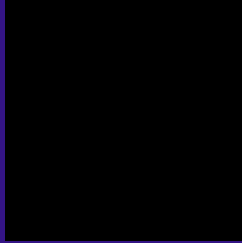
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 341485 Background



This preview shows how black text looks on a background with the Hex color 341485.



This preview shows how white text looks on a background with the Hex color 341485.

# 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**

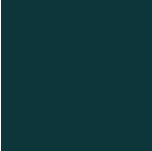
341485

**Protanopia**

002F63

**Deuteranopia**

003255



**Tritanopia**  
0C363A

# Trichromacy



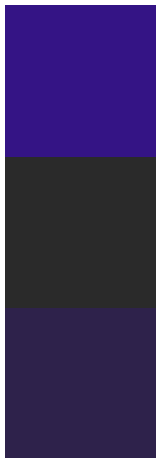
**Original Color**  
341485

**Protanomaly**  
13256F

**Deuteranomaly**  
132766

**Tritanomaly**  
1B2A55

# Monochromacy



**Original Color**  
341485

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
2E224B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 341485 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 #341485 looks like.

```
.text, #text, p{  
    color:#341485  
}
```

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 #341485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #341485
}
```

## Border

The CSS property to change the border of an element to Hex 341485 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
#341485 }
```

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

```
.border{ border-color:#341485 }
```

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

Here you see how a box with a 4 pixel #341485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #341485; -webkit-box-shadow:4px 4px  
4px 4px #341485; box-shadow:4px 4px 4px  
4px #341485 }
```

# Background

The CSS property to change the background color of an element to Hex 341485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#341485 }
```

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

```
.background{ background-color:#341485 }
```

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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