

# Converting Colors

Hex(343AC5)

Have a look what the booklet for  
Hex(343AC5) contains.

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# Color

Hex(343AC5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	343AC5
RGB	52, 58, 197
RGB Percent	20%, 23%, 77%
CMY	0.7961, 0.7725, 0.2275
CMYK	0.74, 0.71, 0.00, 0.23
HSL	238°, 58%, 49%
HSV	238°, 74%, 77%
XYZ	13.0073, 7.7874, 53.6409
YIQ	72.0520, -48.1950, 41.9570

# Conversions

## Conversions Part 2

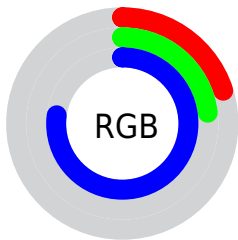
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 58, 197
Decimal	3422917
CIE <sub>Lab</sub>	33.54, 44.15, -72.55
CIE <sub>LCh</sub>	34, 84.926, 301.320
Yxy	7.7874, 0.1747, 0.1046
Android (android.graphics.Color)	4281612997 (0xFF343AC5)
YUV	72.0520, 61.5994, -17.5856
Hunter-Lab	27.9059, 34.3656, -94.4334

# Details

The Hex color **343AC5** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C5BF34**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **786AFF**, and **000E8E** is the 20% darker color. If you saturate the color by 10%, you get **2027C5**, and if you desaturate by 10%, it is **484DC5**.

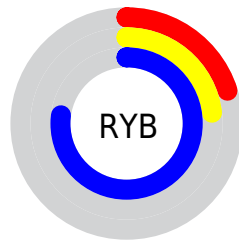
# Distribution



Red (20%)

Green (23%)

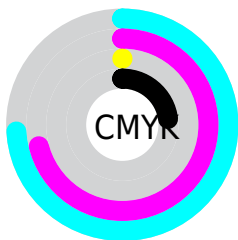
Blue (77%)



Red (20%)

Yellow (23%)

Blue (77%)

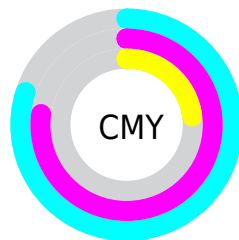


Cyan (74%)

Magenta (71%)

Yellow (0%)

Black (23%)



Cyan (80%)

Magenta (77%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 343AC5 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 343AC5 by changing the saturation by 10% instead.



 343AC5

 343AC5

FFFFFF

 0024A9

 786AFF

 000E8E

 9684FF

 000073

 B59EFF

 00005A

 D3B9FF

 000741

 F2D5FF

 00032A

 FFF2FF

 000114

 000000

 343AC5

 343AC5

■ 2027C5

■ 484DC5

■ 0D14C5

■ 5B60C5

■ 0008C5

■ 6F73C5

■ 8386C5

■ 9798C5

■ AAABC5

■ BEBEC5

■ D2D1C5

■ E5E4C5

# Harmonies

## Analogous

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



0059DA



343AC5



9C0091

# Triad

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



343AC5



922C00



006650

# Complementary

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



343AC5



C5BF34

# 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.



006400



343AC5



5F4E00

# Square

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



343AC5



B3000D



005D00



006894

# Rectangle

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



343AC5



B50066



005D00



006638



# Sweetspot

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



343AC5



C7C9FF



34C5BE



5E6080



000000



808080



# Same Dimension

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



343AC5



1F28FF



7534C5



5A5A63



0007A3



000124



# Inverse Universe

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



C5343A



FF1F28



84C534



635A5A



A30007

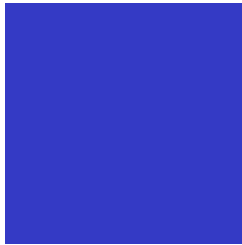


240001



# Previews

## White Background



This preview shows how the Hex color 343AC5 looks on a white background.

## Color Contrast Check

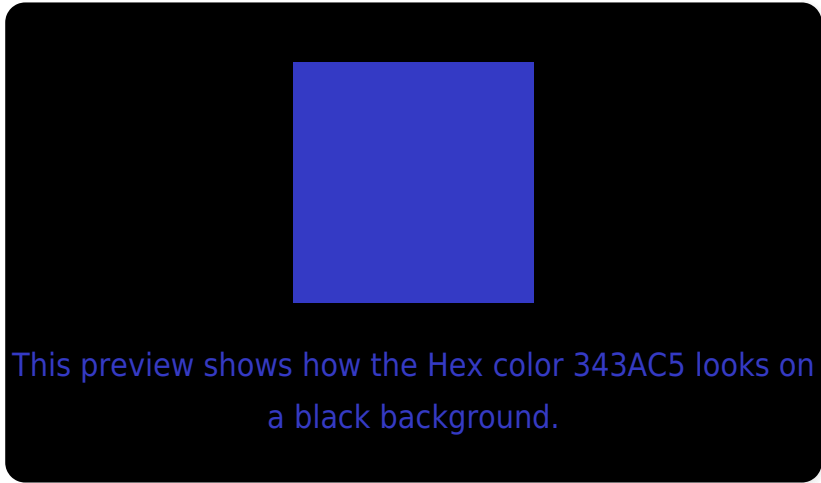
Large Text (above 18pt) WCAG AA ✓ Pass

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

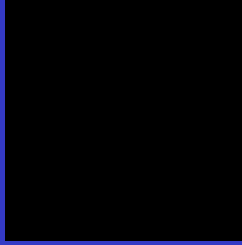
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 343AC5 Background



This preview shows how black text looks on a background with the Hex color 343AC5.

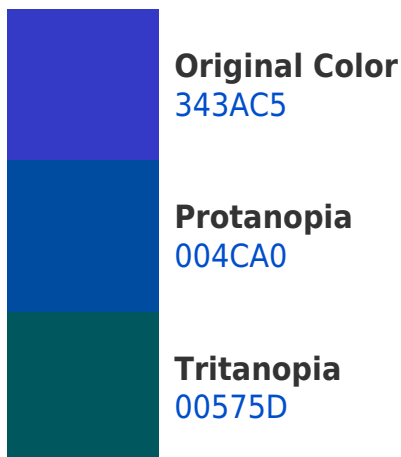


This preview shows how white text looks on a background with the Hex color 343AC5.

# 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**  
343AC5

**Protanomaly**  
1345AD

**Tritanomaly**  
134C83

# Monochromacy



**Original Color**  
343AC5

**Achromatopsia**  
484848

**Achromatomaly**  
414375

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 343AC5 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 #343AC5 looks like.

```
.text, #text, p{  
    color:#343AC5  
}
```

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 #343AC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343AC5
}
```

## Border

The CSS property to change the border of an element to Hex 343AC5 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
#343AC5 }
```

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

```
.border{ border-color:#343AC5 }
```

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

Here you see how a box with a 4 pixel #343AC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343AC5; -webkit-box-shadow:4px 4px  
4px 4px #343AC5; box-shadow:4px 4px 4px  
4px #343AC5 }
```

# Background

The CSS property to change the background color of an element to Hex 343AC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343AC5 }
```

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

```
.background{ background-color:#343AC5 }
```

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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