

Converting Colors

Hex(343ACB)

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

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Color

Hex(343ACB)

Conversions

Conversions Part 1

Format	Color
Hex	343ACB
RGB	52, 58, 203
RGB Percent	20%, 23%, 80%
CMY	0.7961, 0.7725, 0.2039
CMYK	0.74, 0.71, 0.00, 0.20
HSL	238°, 59%, 50%
HSV	238°, 74%, 80%
XYZ	13.7087, 8.0680, 57.3347
YIQ	72.7360, -50.1210, 43.8230

Conversions

Conversions Part 2

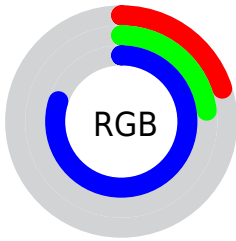
Format	Color
R_{YB}	52, 58, 203
Decimal	3422923
CIE _{Lab}	34.12, 46.16, -75.08
CIE _{LCh}	34, 88.138, 301.584
Yxy	8.0680, 0.1733, 0.1020
Android (android.graphics.Color)	4281613003 (0xFF343ACB)
YUV	72.7360, 64.2202, -18.1855
Hunter-Lab	28.4042, 36.4422, -99.7957




Details

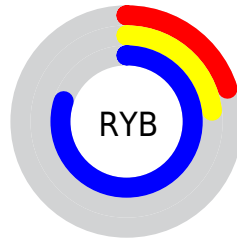
The Hex color **343ACB** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CBC534**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **796AFF**, and **000E93** is the 20% darker color. If you saturate the color by 10%, you get **2027CB**, and if you desaturate by 10%, it is **484DCB**.

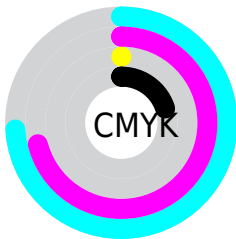
Distribution







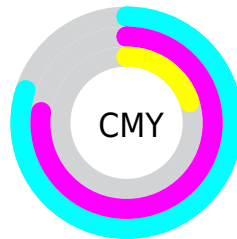
-  Red (20%)
-  Green (23%)
-  Blue (80%)






-  Red (20%)
-  Yellow (23%)
-  Blue (80%)



-  Cyan (74%)
-  Magenta (71%)
-  Yellow (0%)
-  Black (20%)



-  Cyan (80%)
-  Magenta (77%)
-  Yellow (20%)

Brightness & Saturation Gradients

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

 343ACB

 343ACB

FFFFFF

 0023AF

 796AFF

 000E93

 9884FF

 000079

 B79EFF

 00005F

 D5BAFF

 000846

 F4D6FF

 00042F

 FFF2FF

 000119

 000000

 343ACB

 343ACB

■ 2027CB

■ 484DCB

■ 0B13CB

■ 5D61CB

■ 0008CB

■ 7174CB

■ 8588CB

■ 9A9BCB

■ AEAFCB

■ C2C2CB

■ D6D6CB

■ EBE9CB

Harmonies

Analogous

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



005BE1



343ACB



A10095

Triad

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



343ACB



952C00



006952

Complementary

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



343ACB



CBC534

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.



006600



343ACB



605000

Square

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



343ACB



B8000B



005F00



006A99

Rectangle

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



343ACB



BB0067



005F00



00683A

Sweetspot

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



343ACB



C7C9FF



34CBC3



5E6080



000000



808080

Same Dimension

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



343ACB



1C25FF



7834CB



5C5C66



0007A6



000226

Inverse Universe

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



CB343A



FF1C25



87CB34



665C5C



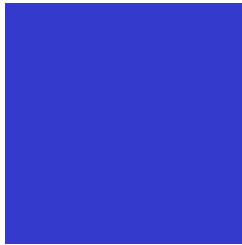
A60007



260002

Previews

White Background



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

Color Contrast Check

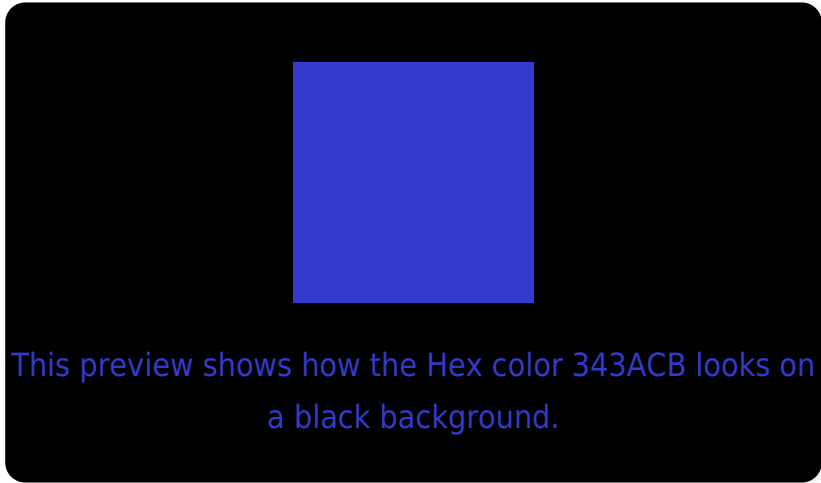
Large Text (above 18pt) WCAG AA ✓ Pass

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

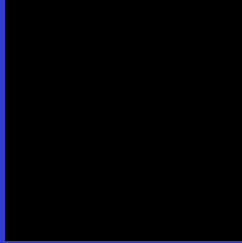
Any Text WCAG AA × Fail

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 343ACB Background



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



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

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
343ACB

Deuteranomaly
1349A2

Tritanomaly
134E86

Monochromacy



Original Color
343ACB

Achromatopsia
494949

Achromatomaly
414478

CSS Examples

Text

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

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

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 #343ACB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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