

Converting Colors

Hex(345CCA)

Have a look what the booklet for
Hex(345CCA) contains.

Hex(345CCA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(345CCA)

Conversions

Conversions Part 1

Format	Color
Hex	345CCA
RGB	52, 92, 202
RGB Percent	20%, 36%, 79%
CMY	0.7961, 0.6392, 0.2078
CMYK	0.74, 0.54, 0.00, 0.21
HSL	224°, 59%, 50%
HSV	224°, 74%, 79%
XYZ	15.9040, 12.6486, 57.4803
YIQ	92.5800, -59.1500, 25.7300

Conversions

Conversions Part 2

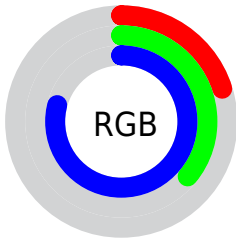
Format	Color
RYB	52, 84, 202
Decimal	3431626
CIELab	42.23, 24.54, -61.25
CIELCh	42, 65.978, 291.833
Yxy	12.6486, 0.1849, 0.1470
Android (android.graphics.Color)	4281621706 (0xFF345CCA)
YUV	92.5800, 53.9441, -35.5887
Hunter-Lab	35.5649, 17.5834, -70.9296

Details

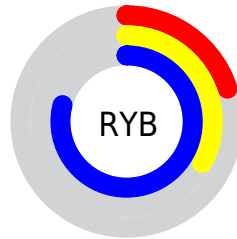
The Hex color **345CCA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **CAA234**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **778EFF**, and **002F93** is the 20% darker color. If you saturate the color by 10%, you get **204DCA**, and if you desaturate by 10%, it is **486BCA**.

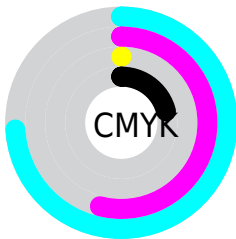
Distribution



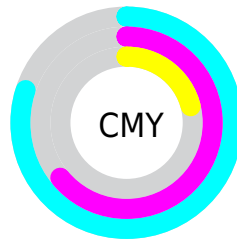
- Red (20%)
- Green (36%)
- Blue (79%)



- Red (20%)
- Yellow (33%)
- Blue (79%)



- Cyan (74%)
- Magenta (54%)
- Yellow (0%)
- Black (21%)



- Cyan (80%)
- Magenta (64%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345CCA 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 345CCA by changing the saturation by 10% instead.

■ 345CCA

■ 345CCA

FFFFFF

■ 0045AE

■ 778EFF

■ 002F93

■ 95A8FF

■ 001C78

■ B3C3FF

■ 00035F

■ D1DFFF

■ 000846

■ EFFBFF

■ 00042F

■ 000119

■ 000000

■ 345CCA

■ 345CCA

■ 204DCA

■ 486BCA

■ 0C3ECA

■ 5C7ACA

■ 0036CA

■ 7188CA

■ 8597CA

■ 99A6CA

■ ADB5CA

■ C1C4CA

■ D6D3CA

■ EAE1CA

Harmonies

Analogous

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



006FD1



345CCA



953EA8

Triad

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



345CCA



AB4204



007A52

Complementary

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



345CCA



CAA234

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.



007616



345CCA



865C00

Square

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



345CCA



C0213F



546D00



007B8B

Rectangle

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



345CCA



B22787



546D00



00793F

Sweetspot

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



345CCA



C7D6FF



34CAA2



5E6780



000000



808080

Same Dimension

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



345CCA



1C59FF



5734CA



5C5F66



002CA6



000A26

Inverse Universe

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



CA345C



FF1C59



A7CA34



665C5F



A6002C



26000A

Previews

White Background



This preview shows how the Hex color 345CCA looks on a white background.

Color Contrast Check

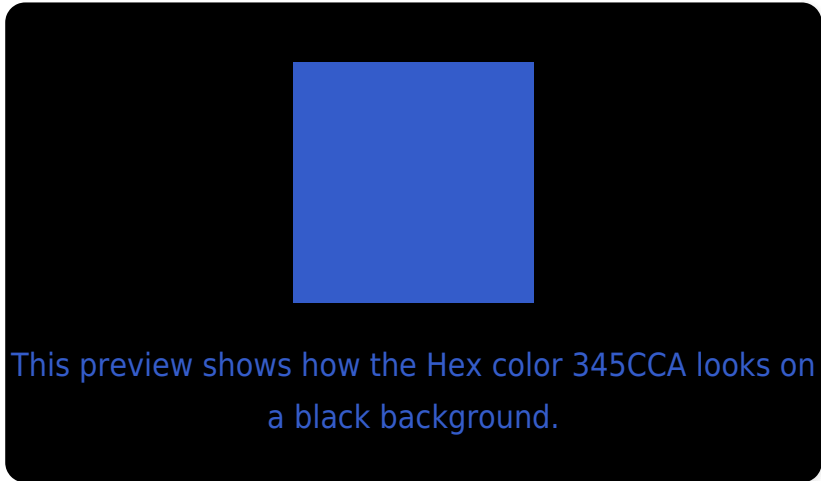
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

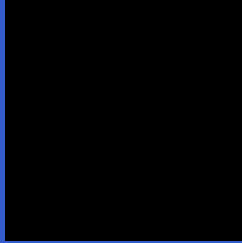
Any Text WCAG AA × Fail

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 345CCA Background



This preview shows how black text looks on a background with the Hex color 345CCA.

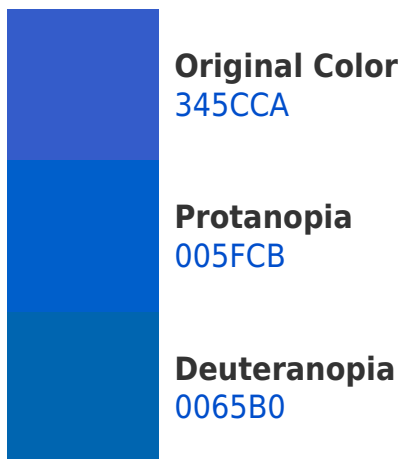


This preview shows how white text looks on a background with the Hex color 345CCA.

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





Tritanopia
006E76

Trichromacy



Original Color
345CCA

Protanomaly
135ECB

Deuteranomaly
1362B9

Tritanomaly
136795

Monochromacy



Original Color
345CCA

Achromatopsia
5D5D5D

Achromatomaly
4E5D85

CSS Examples

Text

The CSS property to change the color of the text to Hex 345CCA 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 #345CCA looks like.

```
.text, #text, p{  
    color:#345CCA  
}
```

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 #345CCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345CCA
}
```

Border

The CSS property to change the border of an element to Hex 345CCA 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
#345CCA }
```

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

```
.border{ border-color:#345CCA }
```

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

Here you see how a box with a 4 pixel #345CCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345CCA; -webkit-box-shadow:4px 4px  
4px 4px #345CCA; box-shadow:4px 4px 4px  
4px #345CCA }
```

Background

The CSS property to change the background color of an element to Hex 345CCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345CCA }
```

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

```
.background{ background-color:#345CCA }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor