

Converting Colors

Hex(345CDD)

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

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Color

Hex(345CDD)

Conversions

Conversions Part 1

Format	Color
Hex	345CDD
RGB	52, 92, 221
RGB Percent	20%, 36%, 87%
CMY	0.7961, 0.6392, 0.1333
CMYK	0.76, 0.58, 0.00, 0.13
HSL	226°, 71%, 54%
HSV	226°, 76%, 87%
XYZ	18.2945, 13.6048, 70.0684
YIQ	94.7460, -65.2490, 31.6390

Conversions

Conversions Part 2

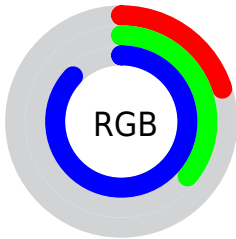
Format	Color
RYB	52, 84, 221
Decimal	3431645
CIELab	43.66, 31.53, -69.81
CIELCh	44, 76.597, 294.308
Yxy	13.6048, 0.1794, 0.1334
Android (android.graphics.Color)	4281621725 (0xFF345CDD)
YUV	94.7460, 62.2432, -37.4882
Hunter-Lab	36.8847, 23.9861, -86.8115

Details

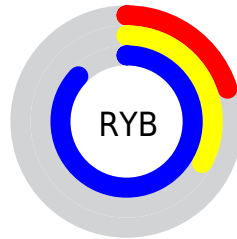
The Hex color **345CDD** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **DDB534**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7B8EFF**, and **002FA5** is the 20% darker color. If you saturate the color by 10%, you get **1E4BDD**, and if you desaturate by 10%, it is **4A6DDD**.

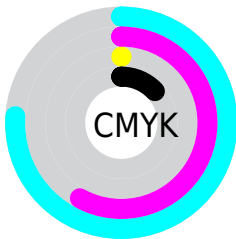
Distribution



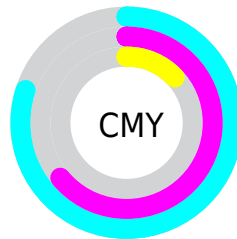
- Red (20%)
- Green (36%)
- Blue (87%)



- Red (20%)
- Yellow (33%)
- Blue (87%)



- Cyan (76%)
- Magenta (58%)
- Yellow (0%)
- Black (13%)



- Cyan (80%)
- Magenta (64%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 345CDD

■ 345CDD

FFFFFF

■ 0045C1

■ 7B8EFF

■ 002FA5

■ 9AA8FF

■ 001C8A

■ B9C3FF

■ 00086F

■ D7DFFF

■ 000956

■ F6FCFF

■ 00063E

■ 000327

■ 000110

■ 000000

 345CDD

 345CDD

 1E4BDD

 4A6DDD

 083ADD

 607EDD

 0034DD

 768FDD

 8C9FDD

 A2B0DD

 B9C1DD

 CFD2DD

 E5E3DD

 FBF4DD

Harmonies

Analogous

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



0074E8



345CDD



A533B3

Triad

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



345CDD



B54100



008059

Complementary

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



345CDD



DDB534

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.



007C0C



345CDD



886100

Square

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



345CDD



D00038



4C7300



00819A

Rectangle

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



345CDD



C5008B



4C7300



007F42

Sweetspot

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



345CDD



C4D2FF



34DDB3



5C6480



000000



808080

Same Dimension

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



345CDD



144CFF



5E34DD



63656E



0029AD



000B2E

Inverse Universe

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



DD345C



FF144C



B3DD34



6E6365



AD0029



2E000B

Previews

White Background



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

Color Contrast Check

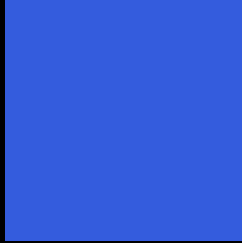
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 345CDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

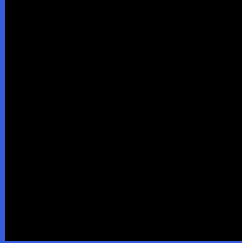
Any Text WCAG AA × Fail

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 345CDD Background



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



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

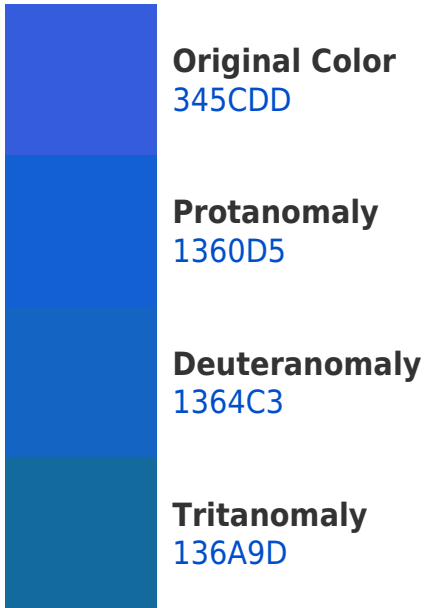
Color Blindness Simulation

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](#).

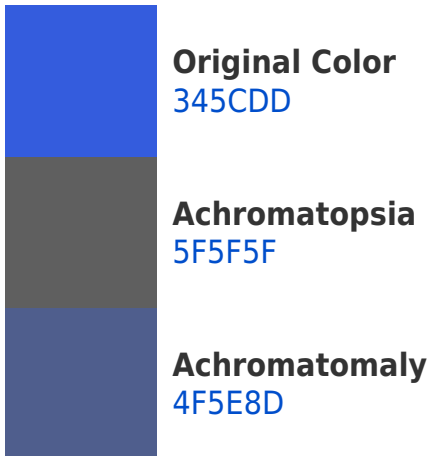
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #345CDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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