

Converting Colors

Hex(345FD9)

Have a look what the booklet for
Hex(345FD9) contains.

Hex(345FD9)	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(345FD9)

Conversions

Conversions Part 1

Format	Color
Hex	345FD9
RGB	52, 95, 217
RGB Percent	20%, 37%, 85%
CMY	0.7961, 0.6275, 0.1490
CMYK	0.76, 0.56, 0.00, 0.15
HSL	224°, 68%, 53%
HSV	224°, 76%, 85%
XYZ	18.0328, 13.9242, 67.3829
YIQ	96.0510, -64.7900, 28.8260

Conversions

Conversions Part 2

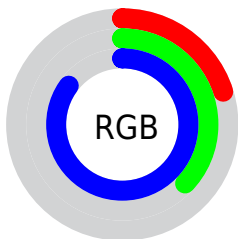
Format	Color
RYB	52, 86, 217
Decimal	3432409
CIELab	44.12, 28.15, -66.77
CIELCh	44, 72.465, 292.859
Yxy	13.9242, 0.1815, 0.1402
Android (android.graphics.Color)	4281622489 (0xFF345FD9)
YUV	96.0510, 59.6279, -38.6327
Hunter-Lab	37.3152, 20.9595, -80.9438

Details

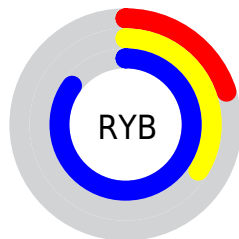
The Hex color **345FD9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **D9AE34**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7A91FF**, and **0032A1** is the 20% darker color. If you saturate the color by 10%, you get **1E4FD9**, and if you desaturate by 10%, it is **4A6FD9**.

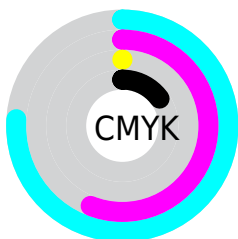
Distribution



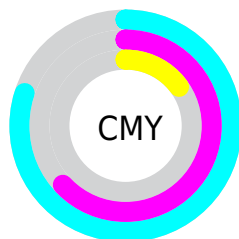
- Red (20%)
- Green (37%)
- Blue (85%)



- Red (20%)
- Yellow (34%)
- Blue (85%)



- Cyan (76%)
- Magenta (56%)
- Yellow (0%)
- Black (15%)



- Cyan (80%)
- Magenta (63%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345FD9 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 345FD9 by changing the saturation by 10% instead.

 345FD9

 345FD9

FFFFFF

 0048BD

 7A91FF

 0032A1

 99ABFF

 001E86

 B7C7FF

 000B6C

 D6E2FF

 000953

 F4FFFF

 00063B

 000224

 00000C

 000000

■ 345FD9

■ 345FD9

■ 1E4FD9

■ 4A6FD9

■ 093FD9

■ 5F7FD9

■ 0039D9

■ 758FD9

■ 8B9FD9

■ A1AFD9

■ B6BFD9

■ CCCFD9

■ E2DFD9

■ F7EFD9

Harmonies

Analogous

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



0075E1



345FD9



A03CB2

Triad

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



345FD9



B54400



008057

Complementary

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



345FD9



D9AE34

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.



007C12



345FD9



8B6100

Square

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



345FD9



CD173E



537300



008296

Rectangle

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



345FD9



C01C8D



537300



007F42

Sweetspot

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



345FD9



C4D4FF



34D9AD



5C6580



000000



808080

Same Dimension

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



345FD9



1753FF



5B34D9



63666E



002DAD



000C2E

Inverse Universe

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



D9345F



FF1753



B3D934



6E6366



AD002D



2E000C

Previews

White Background



This preview shows how the Hex color 345FD9 looks on a white background.

Color Contrast Check

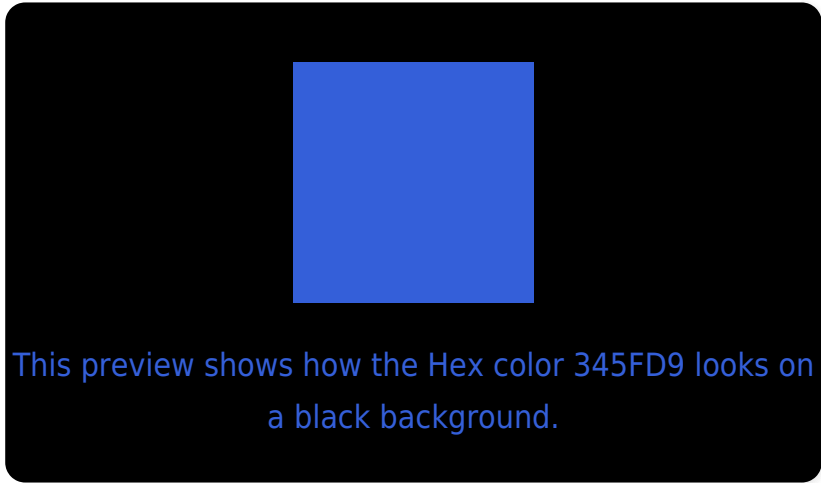
Large Text (above 18pt) WCAG AA ✓ Pass

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

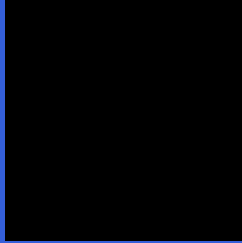
Any Text WCAG AA × Fail

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 345FD9 Background



This preview shows how black text looks on a background with the Hex color 345FD9.

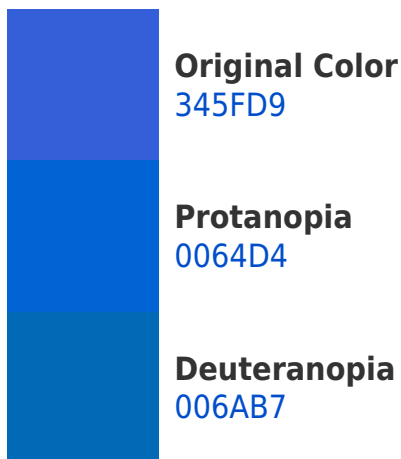


This preview shows how white text looks on a background with the Hex color 345FD9.

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](#).

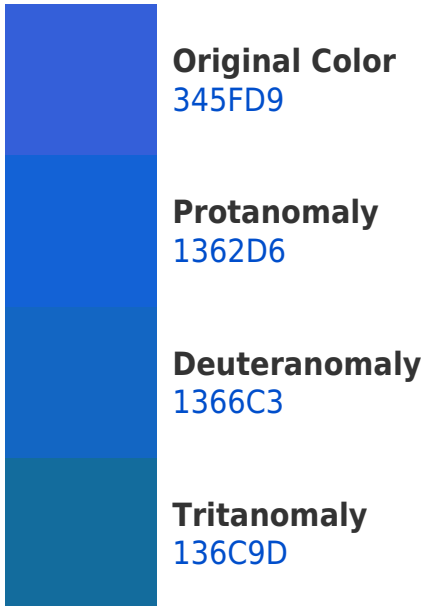
Dichromacy





Tritanopia
00737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 345FD9 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 #345FD9 looks like.

```
.text, #text, p{  
    color:#345FD9  
}
```

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 #345FD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345FD9
}
```

Border

The CSS property to change the border of an element to Hex 345FD9 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
#345FD9 }
```

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

```
.border{ border-color:#345FD9 }
```

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

Here you see how a box with a 4 pixel #345FD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345FD9; -webkit-box-shadow:4px 4px  
4px 4px #345FD9; box-shadow:4px 4px 4px  
4px #345FD9 }
```

Background

The CSS property to change the background color of an element to Hex 345FD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345FD9 }
```

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

```
.background{ background-color:#345FD9 }
```

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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