

Converting Colors

Hex(343CFC)

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

Hex(343CFC)	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(343CFC)

Conversions

Conversions Part 1

Format	Color
Hex	343CFC
RGB	52, 60, 252
RGB Percent	20%, 24%, 99%
CMY	0.7961, 0.7647, 0.0118
CMYK	0.79, 0.76, 0.00, 0.01
HSL	238°, 97%, 60%
HSV	238°, 79%, 99%
XYZ	20.6027, 10.9901, 93.1309
YIQ	79.4960, -66.4000, 58.0160

Conversions

Conversions Part 2

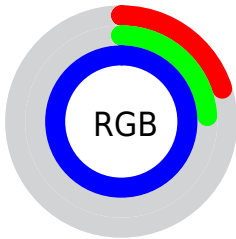
Format	Color
R_{YB}	52, 60, 252
Decimal	3423484
CIE _{Lab}	39.56, 60.85, -94.05
CIE _{LCh}	40, 112.020, 302.905
Yxy	10.9901, 0.1652, 0.0881
Android (android.graphics.Color)	4281613564 (0xFF343CFC)
YUV	79.4960, 85.0445, -24.1140
Hunter-Lab	33.1513, 52.9188, -143.3558

Details

The Hex color **343CFC** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FCF434**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **846EFF**, and **000AC2** is the 20% darker color. If you saturate the color by 10%, you get **1B24FC**, and if you desaturate by 10%, it is **4D54FC**.

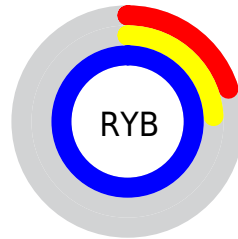
Distribution



Red (20%)

Green (24%)

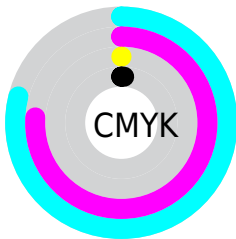
Blue (99%)



Red (20%)

Yellow (24%)

Blue (99%)

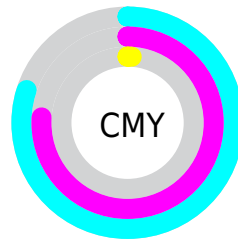


Cyan (79%)

Magenta (76%)

Yellow (0%)

Black (1%)



Cyan (80%)

Magenta (76%)

Yellow (1%)

Brightness & Saturation Gradients

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

 343CFC

 343CFC

FFFFFF

 0024DF

 846EFF

 000AC2

 A688FF

 0000A6

 C6A3FF

 00008A

 E7BFFF


 00086F

 FFDBFF

 000C56

 FFF8FF

 00063E

 000327

 000110

 343CFC

 343CFC

 1B24FC

 4D54FC

 020CFC

 666CFC

 000AFC

 8085FC

 999DFC

 B2B5FC

 CBCDFC

 E4E5FC

 FEFEFC

 FFFFFC

Harmonies

Analogous

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



006BFF



343CFC



C800B3

Triad

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



343CFC



B02C00



007B65

Complementary

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



343CFC



FCF434

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.



007800



343CFC



6B5E00

Square

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



343CFC



E00000



007100



007DC1

Rectangle

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



343CFC



E80077



007100



007A44

Sweetspot

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



343CFC



C2C4FF



34FCF2



5B5C80



000000



808080

Same Dimension

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



343CFC



0D16FF



8E34FC



70717D



0008BD



00023D

Inverse Universe

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



FC343C



FF0D16



A2FC34



7D7071



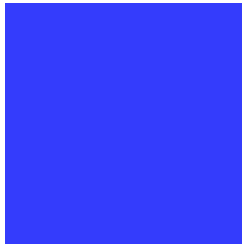
BD0008



3D0002

Previews

White Background



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

Color Contrast Check

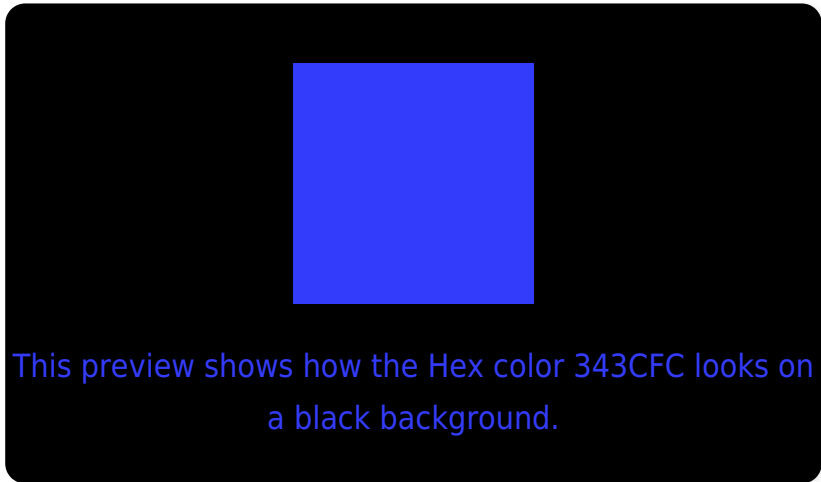
Large Text (above 18pt) WCAG AA ✓ Pass

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

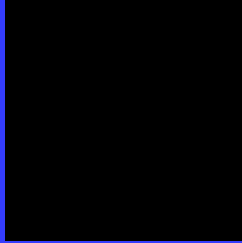
Any Text WCAG AA × Fail

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 343CFC Background



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



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

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](#).

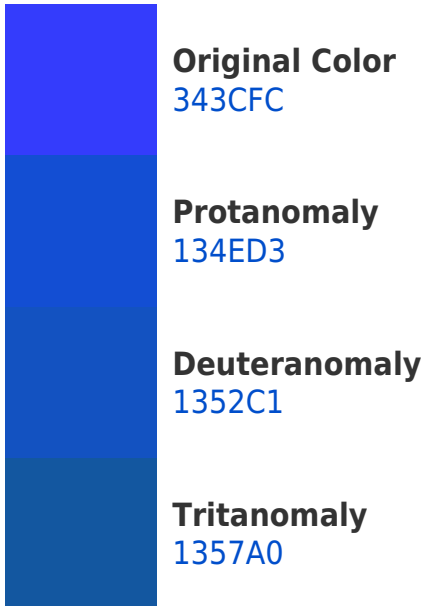
Dichromacy



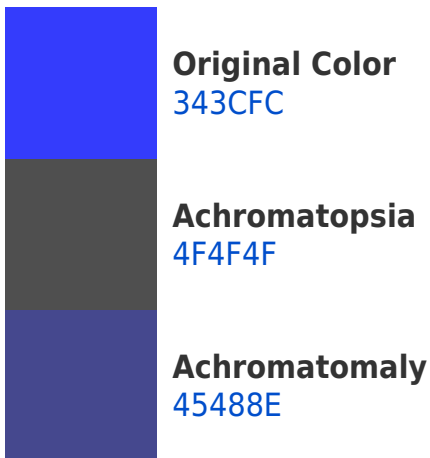


Tritanopia
00666C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #343CFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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