

# Converting Colors

Hex(3424FC)

Have a look what the booklet for  
Hex(3424FC) contains.

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**Color**

**Hex(3424FC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3424FC
RGB	52, 36, 252
RGB Percent	20%, 14%, 99%
CMY	0.7961, 0.8588, 0.0118
CMYK	0.79, 0.86, 0.00, 0.01
HSL	244°, 97%, 56%
HSV	244°, 86%, 99%
XYZ	19.6177, 9.0201, 92.8025
YIQ	65.4080, -59.8000, 70.5680

# Conversions

## Conversions Part 2

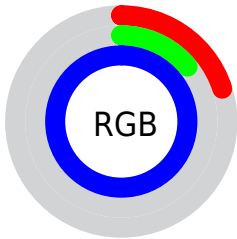
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	52, 36, 252
Decimal	3417340
CIE <sub>Lab</sub>	36.02, 71.25, -99.93
CIE <sub>LCh</sub>	36, 122.731, 305.489
Yxy	9.0201, 0.1615, 0.0743
Android (android.graphics.Color)	4281607420 (0xFF3424FC)
YUV	65.4080, 91.9899, -11.7588
Hunter-Lab	30.0335, 64.0369, -162.1809

# Details

The Hex color **3424FC** 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 **ECFC24**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **865AFF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **1D0BFC**, and if you desaturate by 10%, it is **4B3DFC**.

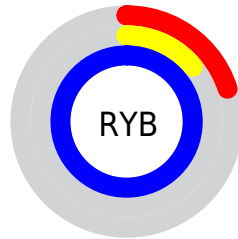
# Distribution



Red (20%)

Green (14%)

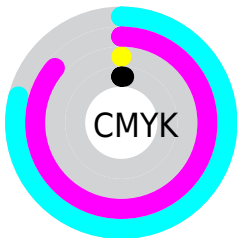
Blue (99%)



Red (20%)

Yellow (14%)

Blue (99%)

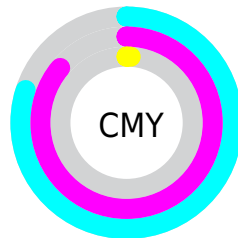


Cyan (79%)

Magenta (86%)

Yellow (0%)

Black (1%)



Cyan (80%)

Magenta (86%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3424FC 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 3424FC by changing the saturation by 10% instead.



 3424FC

 3424FC

FFFFFF

 0000DE

 865AFF

 0000C2

 A875FF

 0000A5

 C990FF

 00008A

 E9ACFF

 000C6F

 FFC8FF

 000C56

 FFE5FF

 00063D

 000327

 000110

■ 3424FC

■ 3424FC

■ 1D0BFC

■ 4B3DFC

■ 1300FC

■ 6356FC

■ 7A70FC

■ 9189FC

■ A9A2FC

■ C0BBFC

■ D7D4FC

■ EFEEFC

FFFFFC

# Harmonies

## Analogous

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



0064FF



3424FC



CC00A9

# Triad

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



3424FC



A52200



007266

# Complementary

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



3424FC



ECFC24

# 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.



006F00



3424FC



585800

# Square

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



3424FC



DA0000



006A00



0075C9

# Rectangle

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



3424FC



EA0069



006A00



007143



# Sweetspot

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



3424FC



C2BDFF



24EEFC



5B5880



000000



808080



# Same Dimension

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



3424FC



1300FF



9E24FC



71707D



0E00BD



05003D



# Inverse Universe

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



FC24EC



FF00EC



82FC24



7D707C



BD00AF

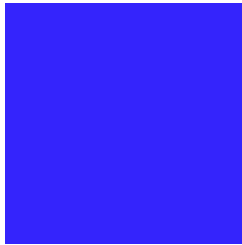


3D0039



# Previews

## White Background



This preview shows how the Hex color 3424FC looks on a white background.

## Color Contrast Check

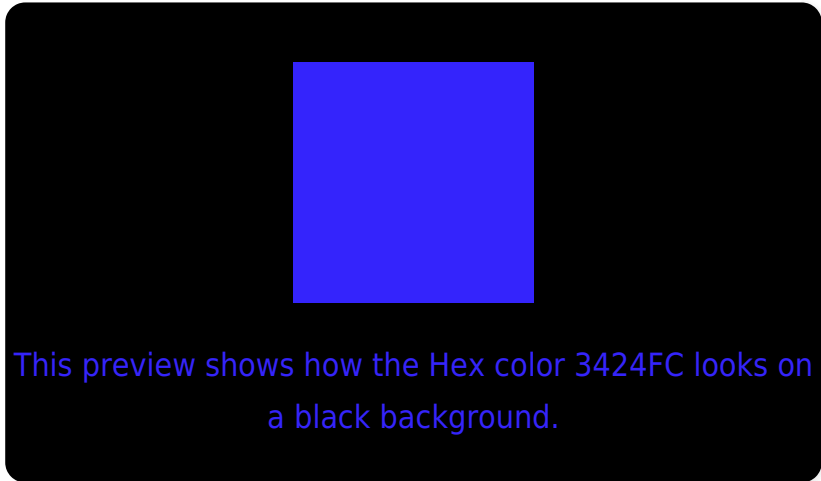
Large Text (above 18pt) WCAG AA ✓ Pass

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

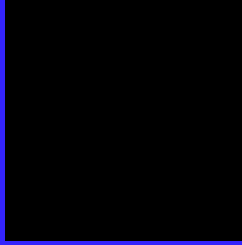
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3424FC Background



This preview shows how black text looks on a background with the Hex color 3424FC.



This preview shows how white text looks on a background with the Hex color 3424FC.

# 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



**Original Color**  
3424FC

**Protanopia**  
0051AA

**Deuteranopia**  
005690



**Tritanopia**  
005D62

# Trichromacy



**Original Color**  
3424FC

**Protanomaly**  
1341C8

**Deuteranomaly**  
1344B7

**Tritanomaly**  
13489A

# Monochromacy



**Original Color**  
3424FC

**Achromatopsia**  
414141

**Achromatomaly**  
3C3685

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3424FC 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 #3424FC looks like.

```
.text, #text, p{  
    color:#3424FC  
}
```

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 #3424FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3424FC
}
```

## Border

The CSS property to change the border of an element to Hex 3424FC 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".

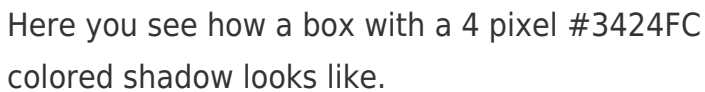
```
.border, #border, table{ border:4px solid
#3424FC }
```

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

```
.border{ border-color:#3424FC }
```

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

Here you see how a box with a 4 pixel #3424FC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border on the top, bottom, and left sides. The right side of the box is open, showing a blue shadow that extends to the right and slightly downwards.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3424FC; -webkit-box-shadow:4px 4px  
4px 4px #3424FC; box-shadow:4px 4px 4px  
4px #3424FC }
```

# Background

The CSS property to change the background color of an element to Hex 3424FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3424FC }
```

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

```
.background{ background-color:#3424FC }
```

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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