

# Converting Colors

Hex(0337FC)

Have a look what the booklet for  
Hex(0337FC) contains.

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**Color**

**Hex(0337FC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0337FC
RGB	3, 55, 252
RGB Percent	1%, 22%, 99%
CMY	0.9882, 0.7843, 0.0118
CMYK	0.99, 0.78, 0.00, 0.01
HSL	227°, 98%, 50%
HSV	227°, 99%, 99%
XYZ	18.9744, 9.7800, 92.9831
YIQ	61.9100, -94.2290, 50.2430

# Conversions

## Conversions Part 2

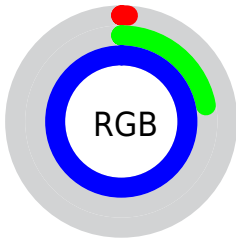
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	3, 46, 252
Decimal	210940
CIE Lab	37.44, 61.86, -97.60
CIE LCh	37, 115.553, 302.365
Yxy	9.7800, 0.1559, 0.0803
Android (android.graphics.Color)	4278401020 (0xFF0337FC)
YUV	61.9100, 93.7144, -51.6641
Hunter-Lab	31.2730, 53.5744, -154.3941

# Details

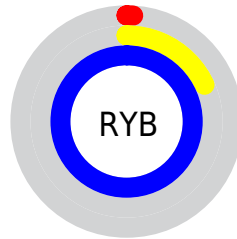
The Hex color **0337FC** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FCC803**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7669FF**, and **0006C2** is the 20% darker color. If you saturate the color by 10%, you get **0035FC**, and if you desaturate by 10%, it is **1C4BFC**.

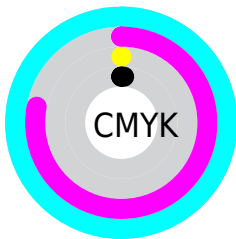
# Distribution



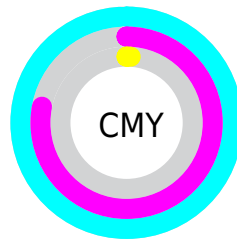
- Red (1%)
- Green (22%)
- Blue (99%)



- Red (1%)
- Yellow (18%)
- Blue (99%)



- Cyan (99%)
- Magenta (78%)
- Yellow (0%)
- Black (1%)



- Cyan (99%)
- Magenta (78%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0337FC 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 0337FC by changing the saturation by 10% instead.



 0337FC

 0337FC

FFFFFF

 001FDF

 7669FF

 0006C2

 9983FF

 0000A5

 BA9DFF

 00008A

 DBB9FF


 000E6F

 FCD5FF

 000C56

 FFF2FF

 00063D

 000327

 000110

 0337FC

 0337FC


 0035FC

 1C4BFC

 355FFC

 4F73FC

 6887FC

 819BFC

 9AAFFC

 B3C3FC

 CDD6FC

 E6EAFC

# Harmonies

## Analogous

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



0068FF



0337FC



C300B1

# Triad

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



0337FC



AC2000



00755E

# Complementary

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



0337FC



FCC803

# 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.



007200



0337FC



665900

# Square

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



0337FC



DC0000



006B00



0078BD

# Rectangle

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



0337FC



E40074



006B00



00743C



# Sweetspot

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



0337FC



B3C2FF



03FCC6



525B80



000000



808080



# Same Dimension

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



0337FC



0035FF



4A03FC



70737D



0027BD



000D3D



# Inverse Universe

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



FC0337



FF0035



B5FC03



7D7073



BD0027



3D000D



# Previews

## White Background



This preview shows how the Hex color 0337FC looks on a white background.

## Color Contrast Check

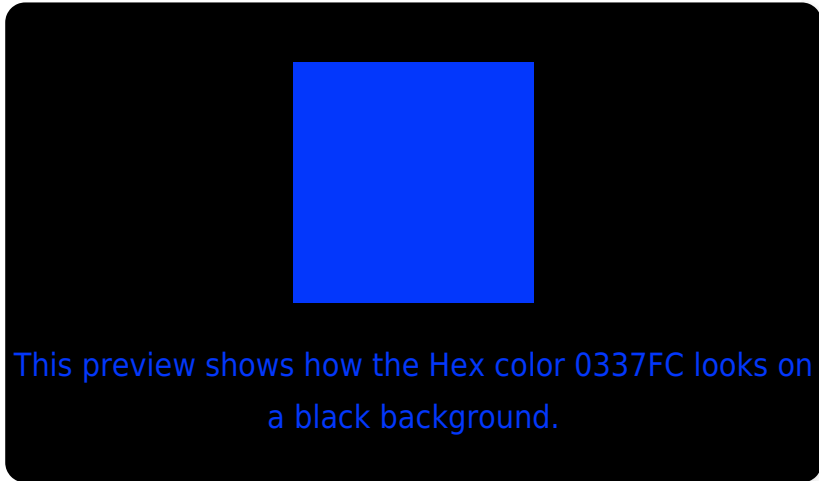
Large Text (above 18pt) WCAG AA ✓ Pass

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

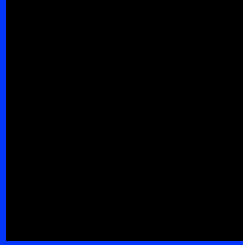
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0337FC Background



This preview shows how black text looks on a background with the Hex color 0337FC.



This preview shows how white text looks on a background with the Hex color 0337FC.

# 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**  
0337FC

**Protanopia**  
0054B1

**Deuteranopia**  
005A96

# Trichromacy



**Original Color**  
0337FC

**Protanomaly**  
0149CC

**Deuteranomaly**  
014DBB

# Monochromacy



**Original Color**  
0337FC

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
293B83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0337FC 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 #0337FC looks like.

```
.text, #text, p{  
    color:#0337FC  
}
```

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 #0337FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0337FC
}
```

## Border

The CSS property to change the border of an element to Hex 0337FC 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
#0337FC }
```

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

```
.border{ border-color:#0337FC }
```

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

Here you see how a box with a 4 pixel #0337FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0337FC; -webkit-box-shadow:4px 4px  
4px 4px #0337FC; box-shadow:4px 4px 4px  
4px #0337FC }
```

# Background

The CSS property to change the background color of an element to Hex 0337FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0337FC }
```

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

```
.background{ background-color:#0337FC }
```

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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