

Converting Colors

Hex(3737FA)

Have a look what the booklet for
Hex(3737FA) contains.

Hex(3737FA)	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(3737FA)

Conversions

Conversions Part 1

Format	Color
Hex	3737FA
RGB	55, 55, 250
RGB Percent	22%, 22%, 98%
CMY	0.7843, 0.7843, 0.0196
CMYK	0.78, 0.78, 0.00, 0.02
HSL	240°, 95%, 60%
HSV	240°, 78%, 98%
XYZ	20.1971, 10.4467, 91.3944
YIQ	77.2300, -62.5950, 60.6450

Conversions

Conversions Part 2

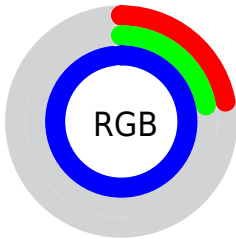
Format	Color
RYB	55, 55, 250
Decimal	3618810
CIELab	38.63, 62.88, -94.47
CIELCh	39, 113.483, 303.650
Yxy	10.4467, 0.1655, 0.0856
Android (android.graphics.Color)	4281808890 (0xFF3737FA)
YUV	77.2300, 85.1756, -19.4957
Hunter-Lab	32.3214, 54.9790, -145.0278

Details

The Hex color **3737FA** 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 **Fafa37**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **866AFF**, and **0001C0** is the 20% darker color. If you saturate the color by 10%, you get **1E1EFA**, and if you desaturate by 10%, it is **5050FA**.

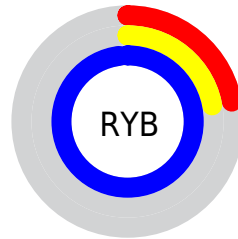
Distribution



 Red (22%)

 Green (22%)

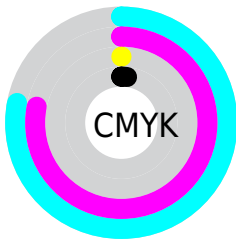
 Blue (98%)




 Red (22%)

 Yellow (22%)

 Blue (98%)

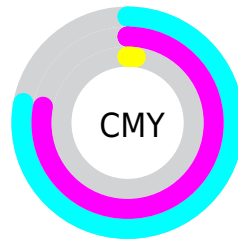


 Cyan (78%)

 Magenta (78%)

 Yellow (0%)

 Black (2%)



 Cyan (78%)

 Magenta (78%)

 Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3737FA 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 3737FA by changing the saturation by 10% instead.

 3737FA

 3737FA

FFFFFF

 001EDD

 866AFF

 0001C0

 A784FF

 0000A4

 C89FFF

 000088

 E8BBFF

 00096E

 FFD7FF

 000B54

 FFF4FF

 00063C

 000225

 00010E

 3737FA

 3737FA

 1E1EFA

 5050FA

 0505FA

 6969FA

 0000FA

 8282FA

 9B9BFA

 B4B4FA

 CDCDFA

 E6E6FA

 FFFFA

Harmonies

Analogous

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



0069FF



3737FA



C800AF

Triad

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



3737FA



AC2B00



007865

Complementary

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



3737FA



FAFA37

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.



007500



3737FA



665D00

Square

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



3737FA



DD0000



006F00



007BC2

Rectangle

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



3737FA



E70073



006F00



007744

Sweetspot

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



3737FA



C4C4FF



37FAFA



5C5C80



000000



808080

Same Dimension

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



3737FA



0F0FFF



9937FA



70707D



0000BD



00003D

Inverse Universe

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



FA37FA



FF0FFF



99FA37



7D707D



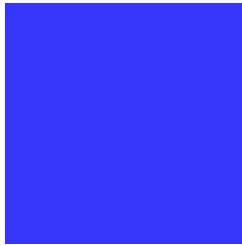
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 3737FA looks on a white background.

Color Contrast Check

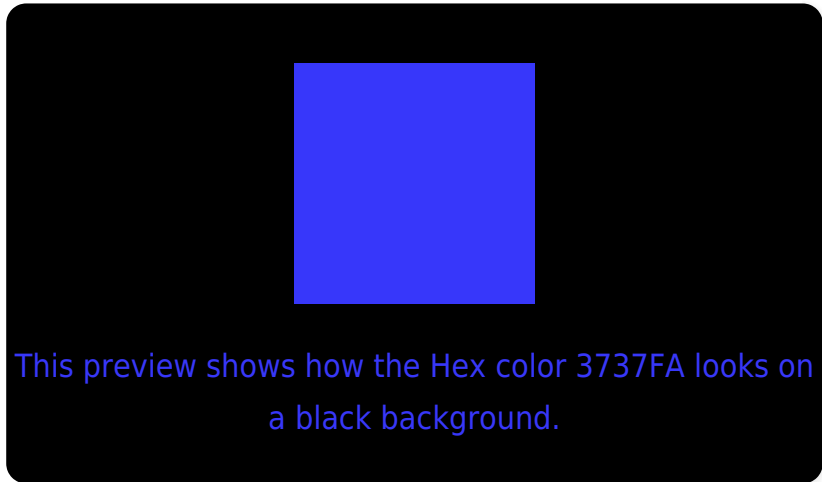
Large Text (above 18pt) WCAG AA ✓ Pass

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

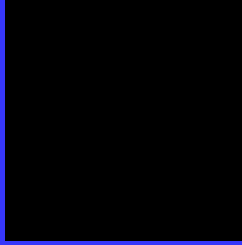
Any Text WCAG AA × Fail

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 3737FA Background



This preview shows how black text looks on a background with the Hex color 3737FA.



This preview shows how white text looks on a background with the Hex color 3737FA.

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
3737FA

Protanopia
0057B6

Deuteranopia
005D9B



Trichromacy



Original Color
3737FA

Protanomaly
144BCF

Deuteranomaly
144FBE

Tritanomaly
14549E

Monochromacy



Original Color
3737FA

Achromatopsia
4D4D4D

Achromatomaly
45458C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3737FA 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 #3737FA looks like.

```
.text, #text, p{  
    color:#3737FA  
}
```

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 #3737FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3737FA
}
```

Border

The CSS property to change the border of an element to Hex 3737FA 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".

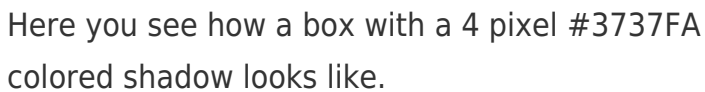
```
.border, #border, table{ border:4px solid
#3737FA }
```

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

```
.border{ border-color:#3737FA }
```

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

Here you see how a box with a 4 pixel #3737FA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3737FA; -webkit-box-shadow:4px 4px  
4px 4px #3737FA; box-shadow:4px 4px 4px  
4px #3737FA }
```

Background

The CSS property to change the background color of an element to Hex 3737FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3737FA }
```

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

```
.background{ background-color:#3737FA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor