

Converting Colors

Hex(0037F9)

Have a look what the booklet for
Hex(0037F9) contains.

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Color

Hex(0037F9)

Conversions

Conversions Part 1

Format	Color
Hex	0037F9
RGB	0, 55, 249
RGB Percent	0%, 22%, 98%
CMY	1.0000, 0.7843, 0.0235
CMYK	1.00, 0.78, 0.00, 0.02
HSL	227°, 100%, 49%
HSV	227°, 100%, 98%
XYZ	18.4651, 9.5719, 90.4969
YIQ	60.6710, -95.0540, 48.6740

Conversions

Conversions Part 2

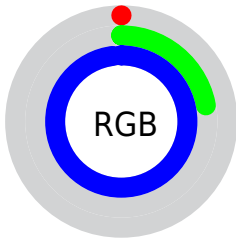
Format	Color
R _{YB}	0, 45, 249
Decimal	14329
CIE Lab	37.06, 60.86, -96.55
CIE LCh	37, 114.137, 302.226
Yxy	9.5719, 0.1558, 0.0808
Android (android.graphics.Color)	4278204409 (0xFF0037F9)
YUV	60.6710, 92.8462, -53.2085
Hunter-Lab	30.9385, 52.3919, -151.7695

Details

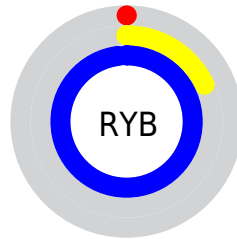
The Hex color **0037F9** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **F9C200**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **7469FF**, and **0006BF** is the 20% darker color. If you saturate the color by 10%, you get **0037F9**, and if you desaturate by 10%, it is **194AF9**.

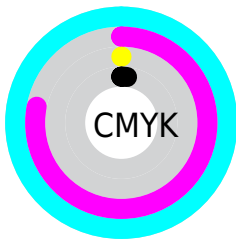
Distribution



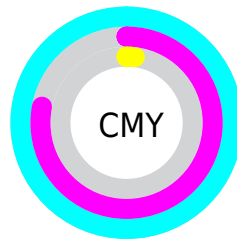
- Red (0%)
- Green (22%)
- Blue (98%)



- Red (0%)
- Yellow (18%)
- Blue (98%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (2%)




- Cyan (100%)
- Magenta (78%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0037F9 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 0037F9 by changing the saturation by 10% instead.

 0037F9

 0037F9

FFFFFF

 001FDC

 7469FF

 0006BF

 9782FF

 0000A3

 B99DFF

 000087

 D9B9FF

 000F6D

 FAD5FF

 000B53

 FFF1FF

 00063B

 000225

 00010D

 0037F9

 194AF9

 325EF9

 4B71F9

 6485F9

 7D98F9

 95ABF9

 AEBFF9

 C7D2F9

 E0E6F9

Harmonies

Analogous

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



0067FF



0037F9



C100AF

Triad

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



0037F9



AB2000



00745C

Complementary

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



0037F9



F9C200

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.



007100



0037F9



655700

Square

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



0037F9



DA0000



006A00



0076BA

Rectangle

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



0037F9



E10074



006A00



00733B

Sweetspot

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



0037F9



B3C3FF



00F9BF



525C80



000000



808080

Same Dimension

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



0037F9



0038FF



4200F9



70737D



002ABD



000E3D

Inverse Universe

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



F90037



FF0038



B7F900



7D7073



BD002A



3D000E

Previews

White Background



This preview shows how the Hex color 0037F9 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 0037F9 Background



This preview shows how black text looks on a background with the Hex color 0037F9.



This preview shows how white text looks on a background with the Hex color 0037F9.

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
0037F9

Protanopia
0053AF

Deuteranopia
005995

Trichromacy



Original Color
0037F9

Protanomaly
0049CA

Deuteranomaly
004DB9

Tritanomaly
00519B

Monochromacy



Original Color
0037F9

Achromatopsia
3D3D3D

Achromatomaly
273B81

CSS Examples

Text

The CSS property to change the color of the text to Hex 0037F9 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 #0037F9 looks like.

```
.text, #text, p{  
    color:#0037F9  
}
```

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 #0037F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0037F9
}
```

Border

The CSS property to change the border of an element to Hex 0037F9 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
#0037F9 }
```

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

```
.border{ border-color:#0037F9 }
```

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

Here you see how a box with a 4 pixel #0037F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0037F9; -webkit-box-shadow:4px 4px  
4px 4px #0037F9; box-shadow:4px 4px 4px  
4px #0037F9 }
```

Background

The CSS property to change the background color of an element to Hex 0037F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0037F9 }
```

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

```
.background{ background-color:#0037F9 }
```

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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