

Converting Colors

Hex(337BFF)

Have a look what the booklet for
Hex(337BFF) contains.

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Color

Hex(337BFF)

Conversions

Conversions Part 1

Format	Color
Hex	337BFF
RGB	51, 123, 255
RGB Percent	20%, 48%, 100%
CMY	0.8000, 0.5176, 0.0000
CMYK	0.80, 0.52, 0.00, 0.00
HSL	219°, 100%, 60%
HSV	219°, 80%, 100%
XYZ	26.4982, 22.0897, 97.4749
YIQ	116.5200, -85.2840, 25.7880

Conversions

Conversions Part 2

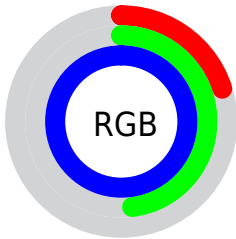
Format	Color
R_{YB}	51, 104, 255
Decimal	3374079
CIE _{Lab}	54.12, 24.38, -71.86
CIE _{LCh}	54, 75.881, 288.745
Yxy	22.0897, 0.1814, 0.1512
Android (android.graphics.Color)	4281564159 (0xFF337BFF)
YUV	116.5200, 68.2706, -57.4610
Hunter-Lab	46.9997, 18.3879, -90.0645

Details

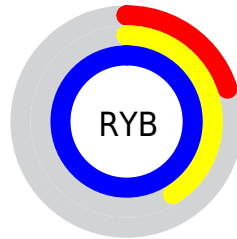
The Hex color **337BFF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FFB733**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **80AFFF**, and **004CC5** is the 20% darker color. If you saturate the color by 10%, you get **196BFF**, and if you desaturate by 10%, it is **4D8CFF**.

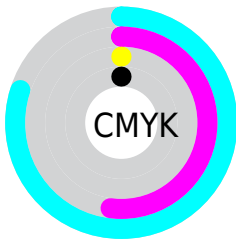
Distribution



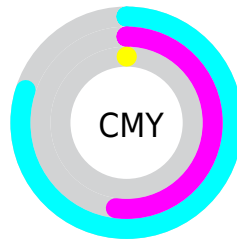
- Red (20%)
- Green (48%)
- Blue (100%)



- Red (20%)
- Yellow (41%)
- Blue (100%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337BFF 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 337BFF by changing the saturation by 10% instead.

 337BFF

 337BFF

FFFFFF

 0063E2

 80AFFF

 004CC5

 A1CAFF

 0036A9

 C1E6FF

 00238E

 E0FFFF

 001074

 000D5A

 000742

 00032B

 000115

 337BFF

 337BFF

 196BFF

 4D8CFF

 005AFF

 669CFF

 80ADFF

 99BDFF

 B3CEFF

 CCDEFF

 E6EFFF

FFFFFF

Harmonies

Analogous

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



0091FF



337BFF



B559D9

Triad

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



337BFF



DD561B



009C66

Complementary

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



337BFF



FFB733

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.



00971D



337BFF



B17600

Square

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



337BFF



F2335C



768B00



009EAA

Rectangle

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



337BFF



DC40B2



768B00



009B4F

Sweetspot

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



337BFF



C2D7FF



33FFB4



5B6880



000000



808080

Same Dimension

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



337BFF



0A61FF



4E33FF



737780



0044BF



001740

Inverse Universe

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



FF337B



FF0A61



E4FF33



807377



BF0043



400016

Previews

White Background



This preview shows how the Hex color 337BFF looks on a white background.

Color Contrast Check

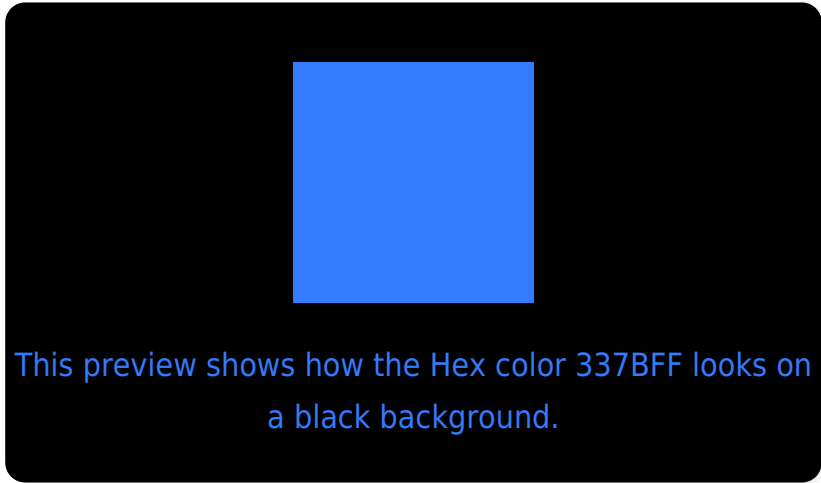
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

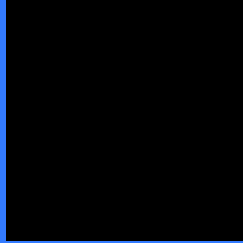
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

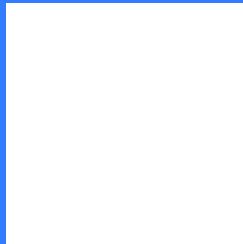
Any Text WCAG AAA × Fail

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

Hex 337BFF Background



This preview shows how black text looks on a background with the Hex color 337BFF.



This preview shows how white text looks on a background with the Hex color 337BFF.

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](#).

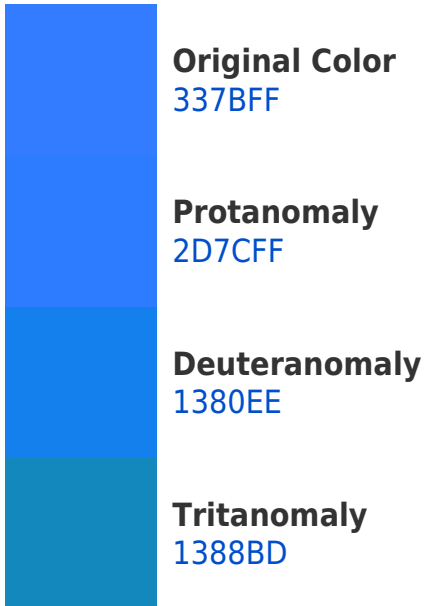
Dichromacy





Tritanopia
008F98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 337BFF 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 #337BFF looks like.

```
.text, #text, p{  
    color:#337BFF  
}
```

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 #337BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337BFF
}
```

Border

The CSS property to change the border of an element to Hex 337BFF 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
#337BFF }
```

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

```
.border{ border-color:#337BFF }
```

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

Here you see how a box with a 4 pixel #337BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337BFF; -webkit-box-shadow:4px 4px  
4px 4px #337BFF; box-shadow:4px 4px 4px  
4px #337BFF }
```

Background

The CSS property to change the background color of an element to Hex 337BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337BFF }
```

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

```
.background{ background-color:#337BFF }
```

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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