

Converting Colors

Hex(333AFF)

Have a look what the booklet for
Hex(333AFF) contains.

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Color

Hex(333AFF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 333AFF |
| RGB | 51, 58, 255 |
| RGB Percent | 20%, 23%, 100% |
| CMY | 0.8000, 0.7725, 0.0000 |
| CMYK | 0.80, 0.77, 0.00, 0.00 |
| HSL | 238°, 100%, 60% |
| HSV | 238°, 80%, 100% |
| XYZ | 20.9283, 10.9499, 95.6182 |
| YIQ | 78.3650, -67.4090, 59.7830 |

Conversions

Conversions Part 2

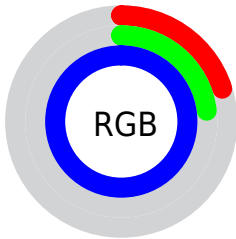
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 51, 58, 255 |
| Decimal | 3357439 |
| CIE Lab | 39.50, 62.72, -95.84 |
| CIE LCh | 39, 114.540, 303.201 |
| Yxy | 10.9499, 0.1641, 0.0859 |
| Android (android.graphics.Color) | 4281547519 (0xFF333AFF) |
| YUV | 78.3650, 87.0811, -23.9991 |
| Hunter-Lab | 33.0907, 54.9842, -148.1600 |

Details

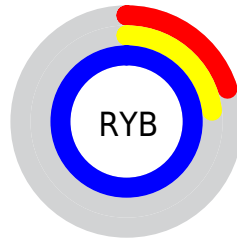
The Hex color **333AFF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFF833**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **856DFF**, and **0005C5** is the 20% darker color. If you saturate the color by 10%, you get **1921FF**, and if you desaturate by 10%, it is **4D53FF**.

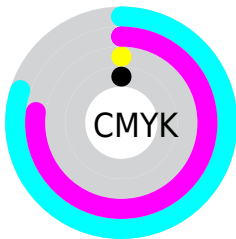
Distribution



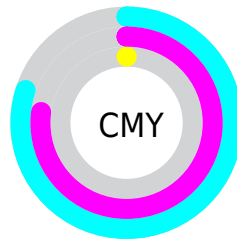
- Red (20%)
- Green (23%)
- Blue (100%)



- Red (20%)
- Yellow (23%)
- Blue (100%)



- Cyan (80%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333AFF 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 333AFF by changing the saturation by 10% instead.

 333AFF

 333AFF

FFFFFF

 0021E1

 856DFF

 0005C5

 A787FF

 0000A8

 C7A2FF

 00008D

 E8BDFF

 000872

 FFDAFF

 000D58

 FFF7FF

 000740

 000329

 000113

 333AFF

 333AFF

 1921FF

 4D53FF

 0009FF

 666BFF

 8084FF

 999CFF

 B3B5FF

 CCCEFF

 E6E6FF

FFFFFF

Harmonies

Analogous

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



006CFF



333AFF



CB00B4

Triad

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



333AFF



B12B00



007B66

Complementary

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



333AFF



FFF833

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.



007800



333AFF



695E00

Square

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



333AFF



E10000



007100



007DC4

Rectangle

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



333AFF



EA0077



007100



007A44

Sweetspot

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



333AFF



C2C4FF



33FFF5



5B5C80



000000



808080

Same Dimension

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



333AFF



0A13FF



8F33FF



737380



0007BF



000240

Inverse Universe

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



FF333A



FF0A13



A3FF33



807373



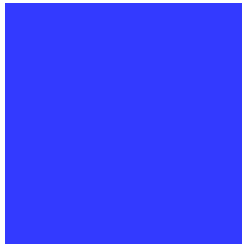
BF0007



400002

Previews

White Background



This preview shows how the Hex color 333AFF looks on a white background.

Color Contrast Check

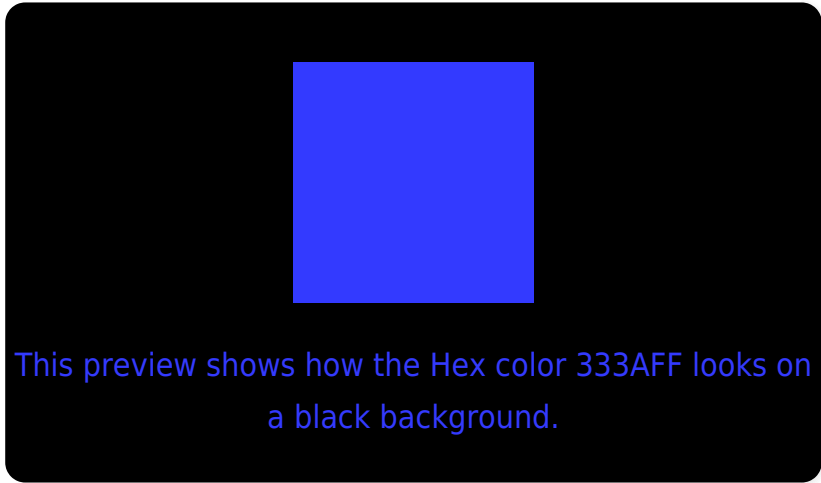
Large Text (above 18pt) WCAG AA ✓ Pass

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

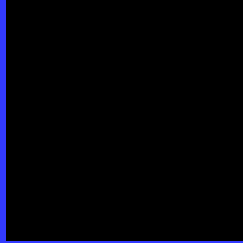
Any Text WCAG AA × Fail

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 333AFF Background



This preview shows how black text looks on a background with the Hex color 333AFF.

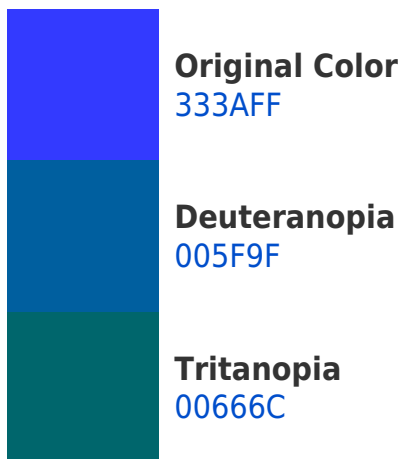


This preview shows how white text looks on a background with the Hex color 333AFF.

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



Trichromacy



Original Color
333AFF

Deuteranomaly
1352C2

Tritanomaly
1356A1

Monochromacy



Original Color
333AFF

Achromatopsia
4E4E4E

Achromatomaly
44478E

CSS Examples

Text

The CSS property to change the color of the text to Hex 333AFF 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 #333AFF looks like.

```
.text, #text, p{  
    color:#333AFF  
}
```

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 #333AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333AFF
}
```

Border

The CSS property to change the border of an element to Hex 333AFF 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
#333AFF }
```

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

```
.border{ border-color:#333AFF }
```

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

Here you see how a box with a 4 pixel #333AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333AFF; -webkit-box-shadow:4px 4px  
4px 4px #333AFF; box-shadow:4px 4px 4px  
4px #333AFF }
```

Background

The CSS property to change the background color of an element to Hex 333AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333AFF }
```

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

```
.background{ background-color:#333AFF }
```

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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