

Converting Colors

Hex(333EFF)

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

Hex(333EFF)	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(333EFF)

Conversions

Conversions Part 1

Format	Color
Hex	333EFF
RGB	51, 62, 255
RGB Percent	20%, 24%, 100%
CMY	0.8000, 0.7569, 0.0000
CMYK	0.80, 0.76, 0.00, 0.00
HSL	237°, 100%, 60%
HSV	237°, 80%, 100%
XYZ	21.1379, 11.3691, 95.6881
YIQ	80.7130, -68.5090, 57.6910

Conversions

Conversions Part 2

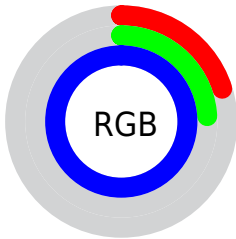
Format	Color
R_{YB}	51, 61, 255
Decimal	3358463
CIE _{Lab}	40.20, 60.71, -94.68
CIE _{LCh}	40, 112.475, 302.668
Yxy	11.3691, 0.1649, 0.0887
Android (android.graphics.Color)	4281548543 (0xFF333EFF)
YUV	80.7130, 85.9235, -26.0583
Hunter-Lab	33.7180, 52.8953, -144.6559

Details

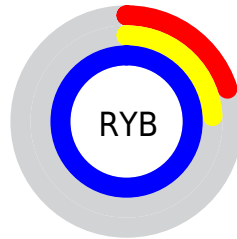
The Hex color **333EFF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFF433**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8470FF**, and **000DC5** is the 20% darker color. If you saturate the color by 10%, you get **1926FF**, and if you desaturate by 10%, it is **4D56FF**.

Distribution



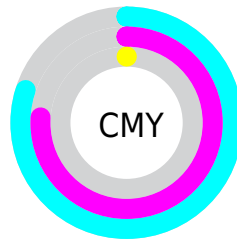
- Red (20%)
- Green (24%)
- Blue (100%)



- Red (20%)
- Yellow (24%)
- Blue (100%)



- Cyan (80%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 333EFF

 333EFF

FFFFFF

 0026E1

 8470FF

 000DC5

 A68AFF

 0000A8

 C7A5FF

 00008D

 E7C1FF

 000772

 FFDDFF

 000D58

 FFFAFF

 000740

 000329

 000113

■ 333EFF

■ 333EFF

■ 1926FF

■ 4D56FF

■ 000EFF

■ 666EFF

■ 8086FF

■ 999EFF

■ B3B7FF

■ CCCFFF

■ E6E7FF

FFFFFF

Harmonies

Analogous

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



006DFF



333EFF



CA00B6

Triad

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



333EFF



B32D00



007C65

Complementary

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



333EFF



FFF433

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.



007900



333EFF



6D5F00

Square

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



333EFF



E30000



007200



007FC2

Rectangle

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



333EFF



EA007A



007200



007C44

Sweetspot

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



333EFF



C2C5FF



33FFF1



5B5D80



000000



808080

Same Dimension

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



333EFF



0A17FF



8B33FF



737380



000ABF



000340

Inverse Universe

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



FF333E



FF0A17



A7FF33



807373



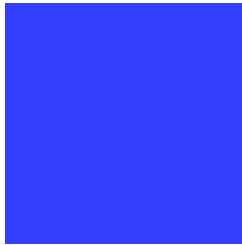
BF000A



400003

Previews

White Background



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

Color Contrast Check

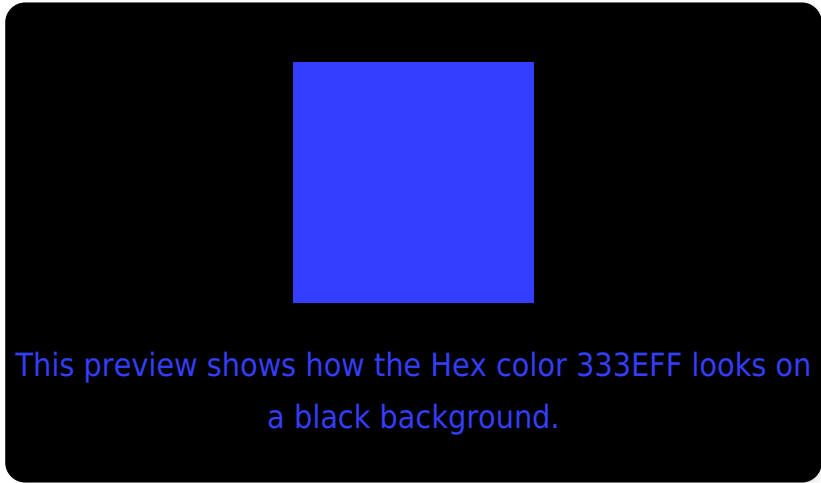
Large Text (above 18pt) WCAG AA ✓ Pass

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

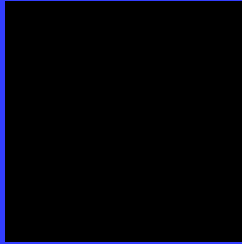
Any Text WCAG AA × Fail

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 333EFF Background



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

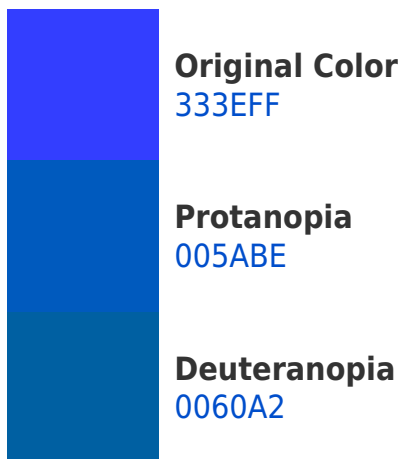


This preview shows how white text looks on a background with the Hex color 333EFF.

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](#).

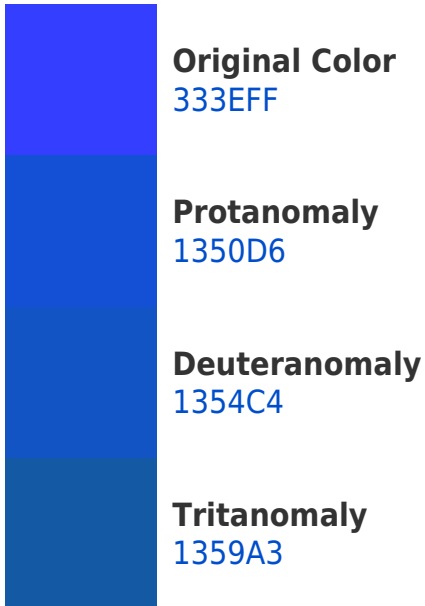
Dichromacy





Tritanopia
00686E

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #333EFF colored shadow looks like.

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

Border

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

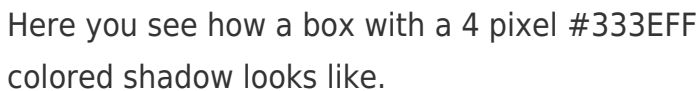
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333EFF }
```

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

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

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



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

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

Background

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

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

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

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

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