

Converting Colors

Hex(314EFF)

Have a look what the booklet for
Hex(314EFF) contains.

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Color

Hex(314EFF)

Conversions

Conversions Part 1

Format	Color
Hex	314EFF
RGB	49, 78, 255
RGB Percent	19%, 31%, 100%
CMY	0.8078, 0.6941, 0.0000
CMYK	0.81, 0.69, 0.00, 0.00
HSL	232°, 100%, 60%
HSV	232°, 81%, 100%
XYZ	22.0410, 13.3217, 96.0174
YIQ	89.5070, -74.1010, 48.8990

Conversions

Conversions Part 2

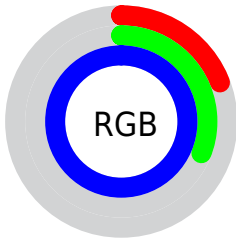
Format	Color
R_{YB}	49, 74, 255
Decimal	3231487
CIE _{Lab}	43.24, 51.82, -89.65
CIE _{LCh}	43, 103.547, 300.032
Yxy	13.3217, 0.1678, 0.1014
Android (android.graphics.Color)	4281421567 (0xFF314EFF)
YUV	89.5070, 81.5880, -35.5246
Hunter-Lab	36.4990, 43.9195, -130.4242

Details

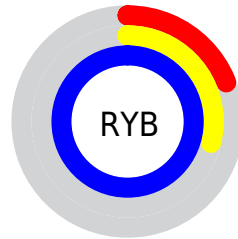
The Hex color **314EFF** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **FFE231**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8280FF**, and **0021C5** is the 20% darker color. If you saturate the color by 10%, you get **1838FF**, and if you desaturate by 10%, it is **4B64FF**.

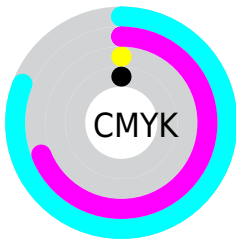
Distribution



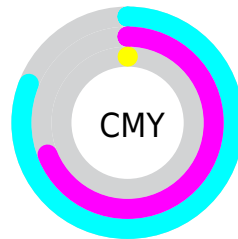
- Red (19%)
- Green (31%)
- Blue (100%)



- Red (19%)
- Yellow (29%)
- Blue (100%)



- Cyan (81%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314EFF 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 314EFF by changing the saturation by 10% instead.

 314EFF

 314EFF

FFFFFF

 0037E2

 8280FF

 0021C5

 A49AFF

 000DA9

 C4B5FF

 00008D

 E4D1FF

 000472

 FFEDFF

 000D59

 000740

 000329

 000113

■ 314EFF

■ 314EFF

■ 1838FF

■ 4B64FF

■ 0024FF

■ 647AFF

■ 7E90FF

■ 97A6FF

■ B1BCFF

■ CAD1FF

■ E4E7FF

■ FDFDFF

FFFFFF

Harmonies

Analogous

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



0075FF



314EFF



C500BE

Triad

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



314EFF



BD3600



008464

Complementary

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



314EFF



FFE231

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.



008000



314EFF



7D6400

Square

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



314EFF



E70017



0A7800



0086BB

Rectangle

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



314EFF



E70087



0A7800



008345

Sweetspot

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



314EFF



C2CAFF



31FFE0



5B6080



000000



808080

Same Dimension

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



314EFF



082AFF



7931FF



737580



001BBF



000940

Inverse Universe

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



FF314E



FF082A



B7FF31



807375



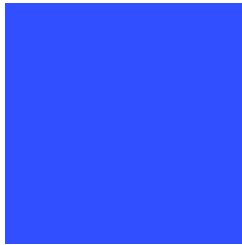
BF001B



400009

Previews

White Background



This preview shows how the Hex color 314EFF looks on a white background.

Color Contrast Check

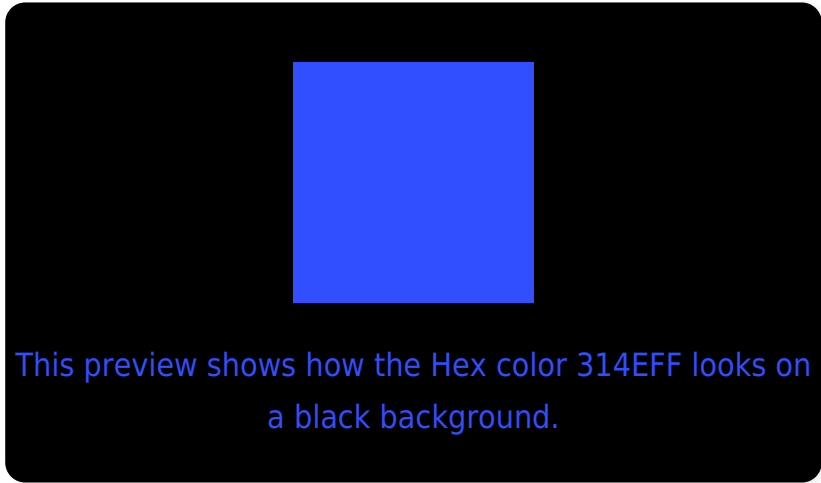
Large Text (above 18pt) WCAG AA ✓ Pass

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

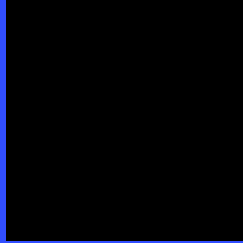
Any Text WCAG AA × Fail

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 314EFF Background



This preview shows how black text looks on a background with the Hex color 314EFF.



This preview shows how white text looks on a background with the Hex color 314EFF.

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
314EFF

Protanomaly
125ADF

Tritanomaly
1264A8

Monochromacy



Original Color
314EFF

Achromatopsia
5A5A5A

Achromatomaly
4B5696

CSS Examples

Text

The CSS property to change the color of the text to Hex 314EFF 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 #314EFF looks like.

```
.text, #text, p{  
    color:#314EFF  
}
```

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 #314EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314EFF
}
```

Border

The CSS property to change the border of an element to Hex 314EFF 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
#314EFF }
```

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

```
.border{ border-color:#314EFF }
```

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

Here you see how a box with a 4 pixel #314EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314EFF; -webkit-box-shadow:4px 4px  
4px 4px #314EFF; box-shadow:4px 4px 4px  
4px #314EFF }
```

Background

The CSS property to change the background color of an element to Hex 314EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314EFF }
```

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

```
.background{ background-color:#314EFF }
```

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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