

Converting Colors

Hex(3131FE)

Have a look what the booklet for
Hex(3131FE) contains.

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Color

Hex(3131FE)

Conversions

Conversions Part 1

Format	Color
Hex	3131FE
RGB	49, 49, 254
RGB Percent	19%, 19%, 100%
CMY	0.8078, 0.8078, 0.0039
CMYK	0.81, 0.81, 0.00, 0.00
HSL	240°, 99%, 59%
HSV	240°, 81%, 100%
XYZ	20.2543, 10.0054, 94.6296
YIQ	72.3700, -65.8050, 63.7550

Conversions

Conversions Part 2

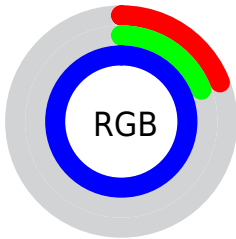
Format	Color
R _Y B	49, 49, 254
Decimal	3224062
CIE Lab	37.85, 66.53, -98.01
CIE LCh	38, 118.460, 304.168
Yxy	10.0054, 0.1622, 0.0801
Android (android.graphics.Color)	4281414142 (0xFF3131FE)
YUV	72.3700, 89.5436, -20.4955
Hunter-Lab	31.6312, 58.9437, -155.2332

Details

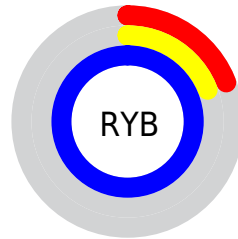
The Hex color **3131FE** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FEFE31**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8464FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **1818FE**, and if you desaturate by 10%, it is **4A4AFE**.

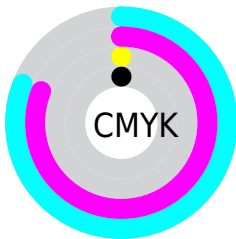
Distribution



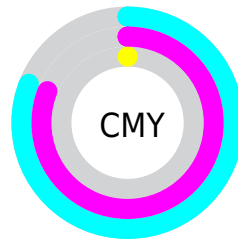
- Red (19%)
- Green (19%)
- Blue (100%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the Hex color 3131FE 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 3131FE by changing the saturation by 10% instead.

 3131FE

 3131FE

FFFFFF

 0016E0

 8464FF

 0000C4

 A67FFF

 0000A7

 C79AFF

 00008C

 E7B5FF

 000A71

 FFD2FF

 000C57

 FFEFFF

 00063F

 000328

 000112

 3131FE

 3131FE

 1818FE

 4A4AFE

 0000FE

 6464FE

 7D7DFE

 9797FE

 B0B0FE

 C9C9FE

 E3E3FE

 FCFCFE

FFFFFFE

Harmonies

Analogous

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



0068FF



3131FE



CB00AF

Triad

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



3131FE



AB2600



007665

Complementary

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



3131FE



FEFE31

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.



007400



3131FE



625B00

Square

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



3131FE



DE0000



006D00



0079C6

Rectangle

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



3131FE



EA0071



006D00



007643

Sweetspot

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



3131FE



C2C2FF



31FEFE



5B5B80



000000



808080

Same Dimension

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



3131FE



0808FF



9831FE



737380



0000BF



000040

Inverse Universe

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



FE31FE



FF08FF



98FE31



807380



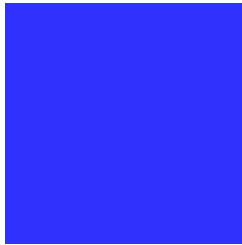
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 3131FE looks on a white background.

Color Contrast Check

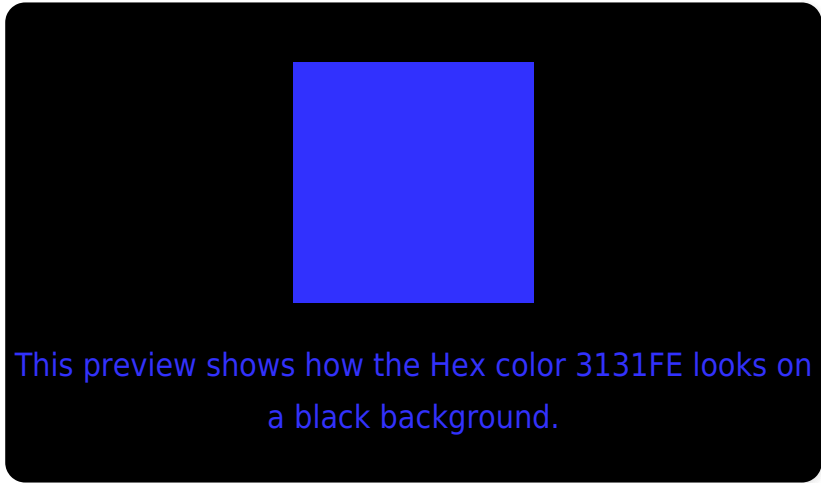
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

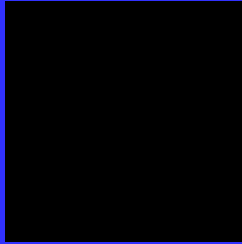
Any Text WCAG AA × Fail

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 3131FE Background



This preview shows how black text looks on a background with the Hex color 3131FE.



This preview shows how white text looks on a background with the Hex color 3131FE.

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
3131FE

Protanomaly
1248CE

Tritanomaly
12509E

Monochromacy



Original Color
3131FE

Achromatopsia
484848

Achromatomaly
40408A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3131FE 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 #3131FE looks like.

```
.text, #text, p{  
    color:#3131FE  
}
```

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 #3131FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3131FE
}
```

Border

The CSS property to change the border of an element to Hex 3131FE 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
#3131FE }
```

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

```
.border{ border-color:#3131FE }
```

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

Here you see how a box with a 4 pixel #3131FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3131FE; -webkit-box-shadow:4px 4px  
4px 4px #3131FE; box-shadow:4px 4px 4px  
4px #3131FE }
```

Background

The CSS property to change the background color of an element to Hex 3131FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3131FE }
```

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

```
.background{ background-color:#3131FE }
```

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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