

Converting Colors

Hex(31E0F7)

Have a look what the booklet for
Hex(31E0F7) contains.

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Color

Hex(31E0F7)

Conversions

Conversions Part 1

Format	Color
Hex	31E0F7
RGB	49, 224, 247
RGB Percent	19%, 88%, 97%
CMY	0.8078, 0.1216, 0.0314
CMYK	0.80, 0.09, 0.00, 0.03
HSL	187°, 93%, 58%
HSV	187°, 80%, 97%
XYZ	44.7108, 60.6797, 97.3515
YIQ	174.2970, -111.6830, -29.9470

Conversions

Conversions Part 2

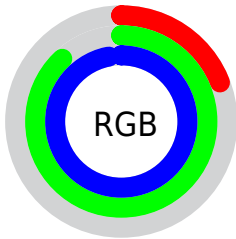
Format	Color
R _Y B	49, 142, 247
Decimal	3268855
CIE Lab	82.21, -34.44, -23.35
CIE LCh	82, 41.613, 214.140
Yxy	60.6797, 0.2205, 0.2993
Android (android.graphics.Color)	4281458935 (0xFF31E0F7)
YUV	174.2970, 35.8426, -109.8855
Hunter-Lab	77.8972, -33.8661, -19.5693

Details

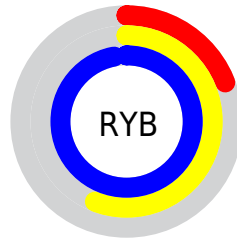
The Hex color **31E0F7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F74831**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **81FFFF**, and **00A8BF** is the 20% darker color. If you saturate the color by 10%, you get **18DDF7**, and if you desaturate by 10%, it is **4AE3F7**.

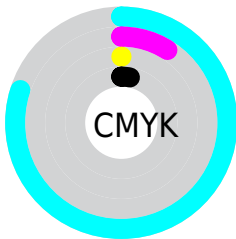
Distribution



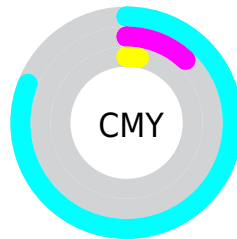
- Red (19%)
- Green (88%)
- Blue (97%)



- Red (19%)
- Yellow (56%)
- Blue (97%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (81%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31E0F7 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 31E0F7 by changing the saturation by 10% instead.

 31E0F7

 31E0F7

FFFFFF

 00C4DA

 81FFFF

 00A8BF

 A2FFFF

 008DA4

 C2FFFF

 007389

 E2FFFF

 005A70

 004257

 002C40

 00112A

 000115

■ 31E0F7

■ 31E0F7

■ 18DDF7

■ 4AE3F7

■ 00DAF7

■ 62E6F7

■ 7BE9F7

■ 94EBF7

■ ADEEF7

■ C5F1F7

■ DEF4F7

■ F7F7F7

■ FFFAF7

Harmonies

Analogous

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



55E2D1



31E0F7



5CDAFF

Triad

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



31E0F7



FFB4EF



E1CC7E

Complementary

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



31E0F7



F74831

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.



FFBE87



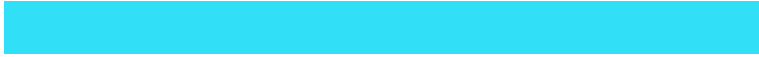
31E0F7



FFAEC8

Square

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



31E0F7



D8C0FF



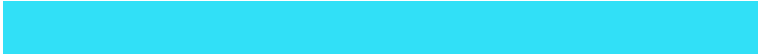
FFB3A3



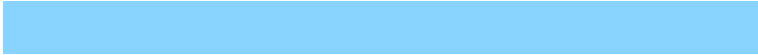
B8D78B

Rectangle

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



31E0F7



88D3FF



FFB3A3



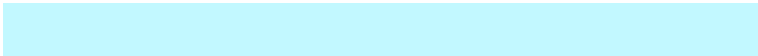
EEC77F

Sweetspot

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



31E0F7



C2F8FF



31F745



5B7B80



000000



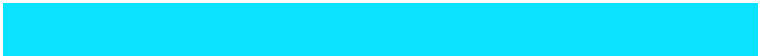
808080

Same Dimension

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



31E0F7



0AE3FF



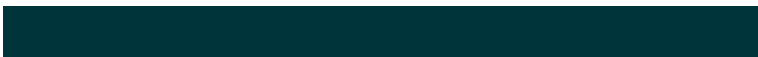
3180F7



6E797A



00A5BA



00343B

Inverse Universe

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



F731E0



FF0AE3



F7A831



7A6E79



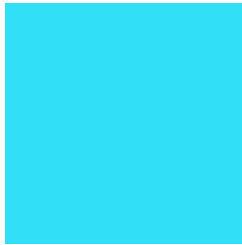
BA00A5



3B0034

Previews

White Background



This preview shows how the Hex color 31E0F7 looks on a white background.

Color Contrast Check

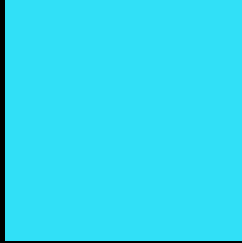
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 31E0F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

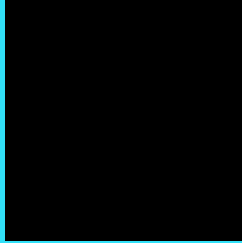
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 31E0F7 Background



This preview shows how black text looks on a background with the Hex color 31E0F7.

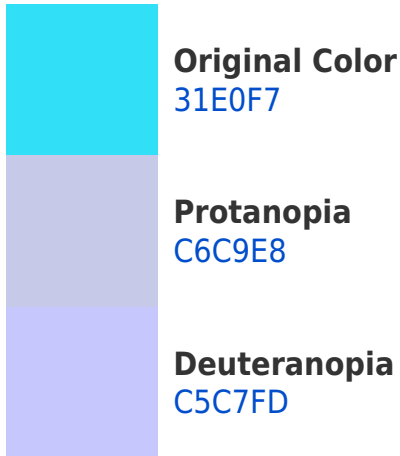


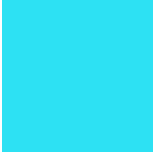
This preview shows how white text looks on a background with the Hex color 31E0F7.

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](#).

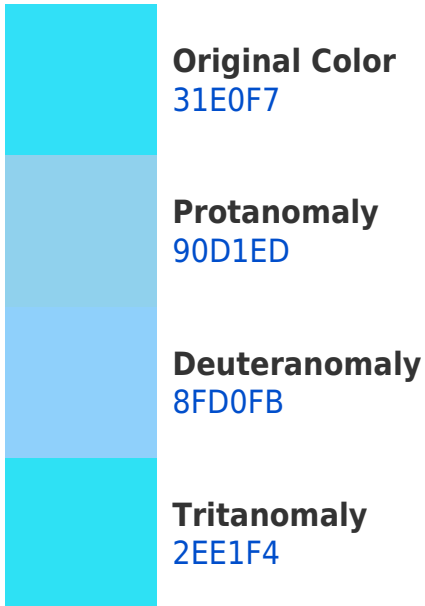
Dichromacy





Tritanopia
2DE1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31E0F7 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 #31E0F7 looks like.

```
.text, #text, p{  
    color:#31E0F7  
}
```

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 #31E0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31E0F7
}
```

Border

The CSS property to change the border of an element to Hex 31E0F7 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
#31E0F7 }
```

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

```
.border{ border-color:#31E0F7 }
```

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

Here you see how a box with a 4 pixel #31E0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31E0F7; -webkit-box-shadow:4px 4px  
4px 4px #31E0F7; box-shadow:4px 4px 4px  
4px #31E0F7 }
```

Background

The CSS property to change the background color of an element to Hex 31E0F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31E0F7 }
```

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

```
.background{ background-color:#31E0F7 }
```

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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