

Converting Colors

Hex(31E300)

Have a look what the booklet for
Hex(31E300) contains.

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Color

Hex(31E300)

Conversions

Conversions Part 1

Format	Color
Hex	31E300
RGB	49, 227, 0
RGB Percent	19%, 89%, 0%
CMY	0.8078, 0.1098, 1.0000
CMYK	0.78, 0.00, 1.00, 0.11
HSL	107°, 100%, 45%
HSV	107°, 100%, 89%
XYZ	28.7357, 55.5911, 9.2156
YIQ	147.9000, -33.2210, -108.3330

Conversions

Conversions Part 2

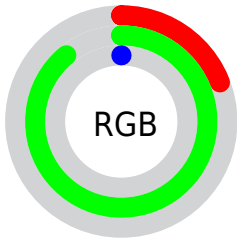
Format	Color
RYB	0, 227, 178
Decimal	3269376
CIELab	79.38, -75.54, 76.64
CIElCh	79, 107.610, 134.587
Yxy	55.5911, 0.3072, 0.5943
Android (android.graphics.Color)	4281459456 (0xFF31E300)
YUV	147.9000, -72.9147, -86.7353
Hunter-Lab	74.5595, -61.6840, 44.8633

Details

The Hex color **31E300** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **B200E3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7FFF56**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **31E300**, and if you desaturate by 10%, it is **43E317**.

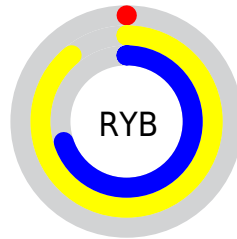
Distribution



Red (19%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (70%)

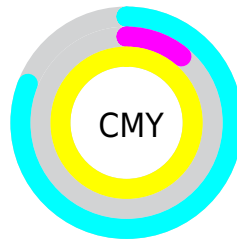


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (81%)


Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31E300 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 31E300 by changing the saturation by 10% instead.

 31E300

 31E300

FFFFFF

 00C600

 7FFF56

 00AA00

 A0FF74

 008E00

 C0FF92

 007300

 DFFFAF

 005900

 FFFFCC

 004000

 FFFFEA

 002600

 000000

 31E300

 43E317

 55E32D

 66E344

 78E35B

 8AE372

 9CE388

 AEE39F

 BFE3B6

 D1E3CC

Harmonies

Analogous

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



C0CF00



31E300



00ED8B

Triad

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



31E300



00DFFF



FF3F99

Complementary

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



31E300



B200E3

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.



FF4FFD



31E300



00C1FF

Square

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



31E300



00EDFF



FF8FFF



FF7936

Rectangle

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



31E300



00EFD2



FF8FFF



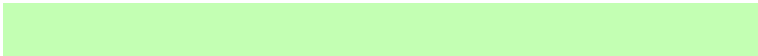
FF37BA

Sweetspot

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



31E300



C3FFB3



E3B200



5C8052



000000



808080

Same Dimension

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



31E300



37FF00



00E340



6A7367



27B300



0B3300

Inverse Universe

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



B200E3



C800FF



E300A3



706773



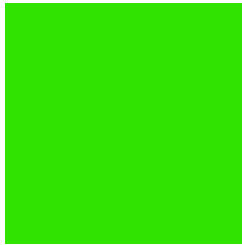
8C00B3



280033

Previews

White Background



This preview shows how the Hex color 31E300 looks on a white background.

Color Contrast Check

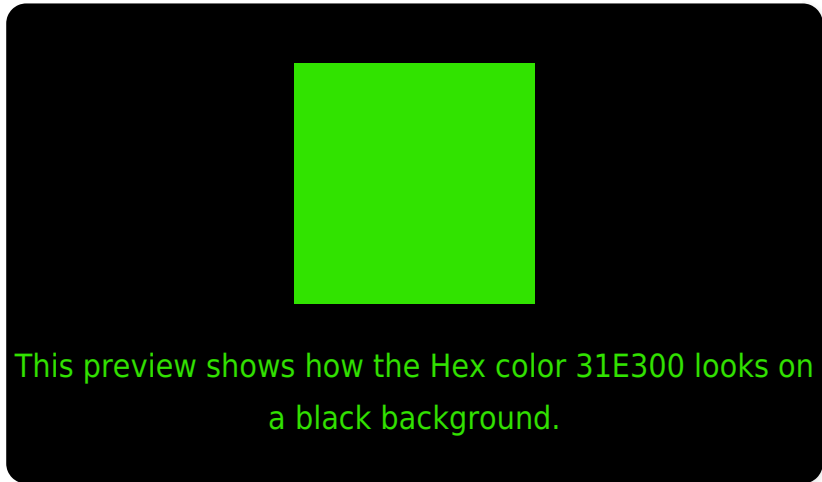
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 31E300 Background



This preview shows how black text looks on a background with the Hex color 31E300.



This preview shows how white text looks on a background with the Hex color 31E300.

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](#).

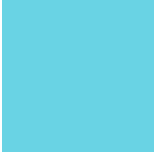
Dichromacy



Original Color
31E300

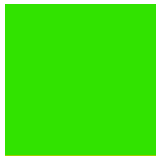
Protanopia
DCC300

Deuteranopia
F5B931



Tritanopia
69D3E4

Trichromacy



Original Color
31E300



Protanomaly
9ECF00

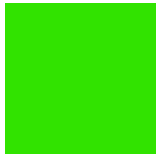


Deuteranomaly
AEC81F



Tritanomaly
55D991

Monochromacy



Original Color
31E300



Achromatopsia
949494



Achromatomaly
70B15E

CSS Examples

Text

The CSS property to change the color of the text to Hex 31E300 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 #31E300 looks like.

```
.text, #text, p{  
    color:#31E300  
}
```

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 #31E300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31E300
}
```

Border

The CSS property to change the border of an element to Hex 31E300 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
#31E300 }
```

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

```
.border{ border-color:#31E300 }
```

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

Here you see how a box with a 4 pixel #31E300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31E300; -webkit-box-shadow:4px 4px  
4px 4px #31E300; box-shadow:4px 4px 4px  
4px #31E300 }
```

Background

The CSS property to change the background color of an element to Hex 31E300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31E300 }
```

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

```
.background{ background-color:#31E300 }
```

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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