

Converting Colors

Hex(31E320)

Have a look what the booklet for
Hex(31E320) contains.

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Color

Hex(31E320)

Conversions

Conversions Part 1

Format	Color
Hex	31E320
RGB	49, 227, 32
RGB Percent	19%, 89%, 13%
CMY	0.8078, 0.1098, 0.8745
CMYK	0.78, 0.00, 0.86, 0.11
HSL	115°, 78%, 51%
HSV	115°, 86%, 89%
XYZ	28.9964, 55.6954, 10.5885
YIQ	151.5480, -43.4930, -98.3810

Conversions

Conversions Part 2

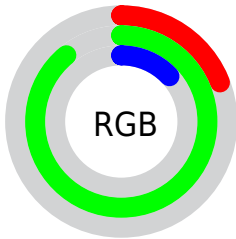
Format	Color
RYB	32, 227, 210
Decimal	3269408
CIELab	79.44, -74.79, 72.58
CIELCh	79, 104.216, 135.858
Yxy	55.6954, 0.3043, 0.5845
Android (android.graphics.Color)	4281459488 (0xFF31E320)
YUV	151.5480, -58.9372, -89.9346
Hunter-Lab	74.6294, -61.2472, 43.8284

Details

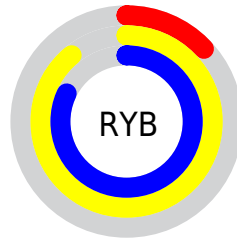
The Hex color **31E320** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D220E3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7EFF62**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **1CE309**, and if you desaturate by 10%, it is **46E337**.

Distribution



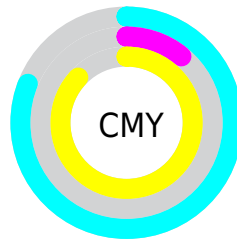
- Red (19%)
- Green (89%)
- Blue (13%)



- Red (13%)
- Yellow (89%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (86%)
- Black (11%)





- Cyan (81%)
- Magenta (11%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31E320 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 31E320 by changing the saturation by 10% instead.

 31E320

 31E320

FFFFFF

 00C600

 7EFF62

 00AA00

 9FFF7F

 008E00

 BFFF9C

 007300

 DEFFB9

 005900

 FEFFD6

 004000

 FFFFF4

 002600

 000000

 31E320

 31E320

■ 1CE309

■ 46E337

■ 14E300

■ 5AE34D

■ 6FE364

■ 84E37B

■ 99E392

■ ADE3A8

■ C2E3BF

■ D7E3D6

■ EBE3EC

Harmonies

Analogous

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



BDD000



31E320



00EC92

Triad

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



31E320



00DEFF



FF4C96

Complementary

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



31E320



D220E3

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.



FF56F7



31E320



00BFFF

Square

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



31E320



00ECFF



FF8FFF



FF7F37

Rectangle

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



31E320



00EFD6



FF8FFF



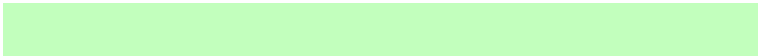
FF45B6

Sweetspot

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



31E320



C2FFBD



E3CF20



5B8058



000000



808080

Same Dimension

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



31E320



16FF00



20E36E



687367



10B300



043300

Inverse Universe

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



D220E3



E900FF



E32095



726773



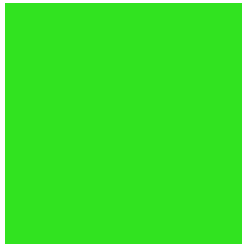
A300B3



2F0033

Previews

White Background



This preview shows how the Hex color 31E320 looks on a white background.

Color Contrast Check

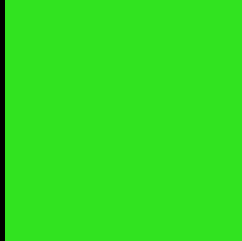
Large Text (above 18pt) WCAG AA × Fail

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 31E320 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

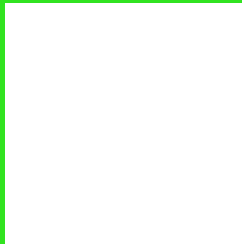
Any Text WCAG AAA ✓ Pass

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

Hex 31E320 Background



This preview shows how black text looks on a background with the Hex color 31E320.

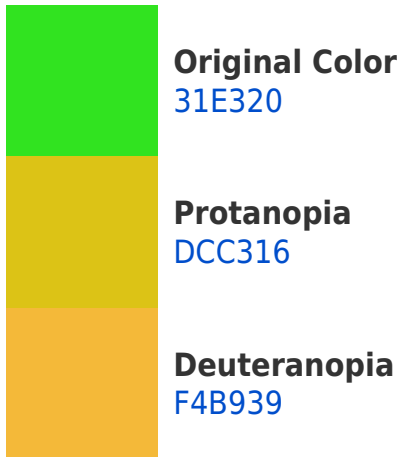


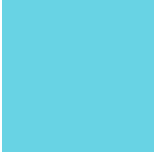
This preview shows how white text looks on a background with the Hex color 31E320.

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](#).

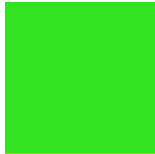
Dichromacy





Tritanopia
68D3E4

Trichromacy



Original Color
31E320



Protanomaly
9ECF1A

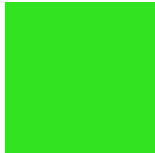


Deuteranomaly
ADC830



Tritanomaly
54D99D

Monochromacy



Original Color
31E320



Achromatopsia
989898



Achromatomaly
73B36C

CSS Examples

Text

The CSS property to change the color of the text to Hex 31E320 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 #31E320 looks like.

```
.text, #text, p{  
    color:#31E320  
}
```

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 #31E320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31E320
}
```

Border

The CSS property to change the border of an element to Hex 31E320 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
#31E320 }
```

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

```
.border{ border-color:#31E320 }
```

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

Here you see how a box with a 4 pixel #31E320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31E320; -webkit-box-shadow:4px 4px  
4px 4px #31E320; box-shadow:4px 4px 4px  
4px #31E320 }
```

Background

The CSS property to change the background color of an element to Hex 31E320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31E320 }
```

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

```
.background{ background-color:#31E320 }
```

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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