

Converting Colors

Hex(31A300)

Have a look what the booklet for
Hex(31A300) contains.

Hex(31A300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(31A300)

Conversions

Conversions Part 1

Format	Color
Hex	31A300
RGB	49, 163, 0
RGB Percent	19%, 64%, 0%
CMY	0.8078, 0.3608, 1.0000
CMYK	0.70, 0.00, 1.00, 0.36
HSL	102°, 100%, 32%
HSV	102°, 100%, 64%
XYZ	14.3638, 26.8474, 4.4250
YIQ	110.3320, -15.6210, -74.8610

Conversions

Conversions Part 2

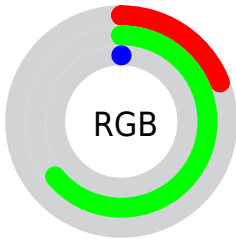
Format	Color
RYB	0, 163, 114
Decimal	3252992
CIELab	58.83, -56.23, 60.26
CIELCh	59, 82.419, 133.018
Yxy	26.8474, 0.3147, 0.5883
Android (android.graphics.Color)	4281443072 (0xFF31A300)
YUV	110.3320, -54.3937, -53.7882
Hunter-Lab	51.8144, -41.1921, 31.2067

Details

The Hex color **31A300** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7200A3**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **71DB48**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **31A300**, and if you desaturate by 10%, it is **3CA310**.

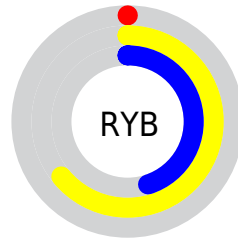
Distribution



Red (19%)

Green (64%)

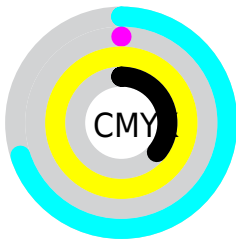
Blue (0%)



Red (0%)

Yellow (64%)

Blue (45%)

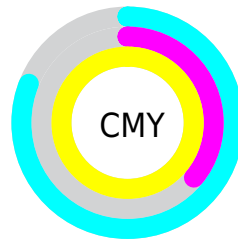


Cyan (70%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (81%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A300 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 31A300 by changing the saturation by 10% instead.

 31A300

 31A300

FFFFFF

 008800

 71DB48

 006E00

 8FF864

 005400

 ACFF7F

 003C00

 CAFF9B

 002500

 E8FFB7

 000000

 FFFFD4

 FFFFF1

 31A300

 3CA310

 48A321

 53A331

 5FA341

 6AA352

 75A362

 81A372

 8CA382

 98A393

Harmonies

Analogous

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



8E9400



31A300



00AA60

Triad

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



31A300



00A1FF



FF3072

Complementary

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



31A300



7200A3

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.



F83EBA



31A300



008CFF

Square

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



31A300



00ABF0



B669F9



F9562B

Rectangle

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



31A300



00AC93



B669F9



FF2C8A

Sweetspot

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



31A300



A7D494



A36F00



506B45



EBEBEB



6B6B6B

Same Dimension

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



31A300



40D400



00A31E



4C5249



2C9100



051200

Inverse Universe

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



7200A3



9400D4



A30085



4F4952



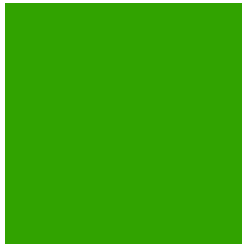
660091



0C0012

Previews

White Background



This preview shows how the Hex color 31A300 looks on a white background.

Color Contrast Check

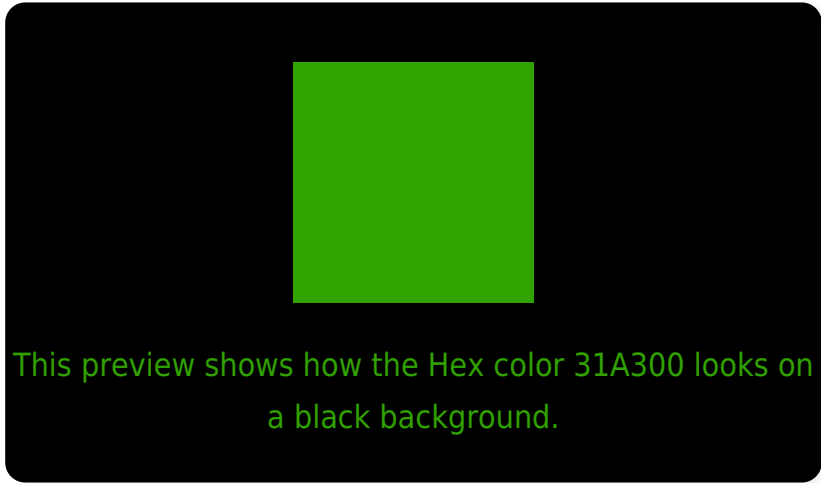
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

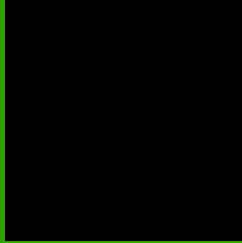
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 31A300 Background



This preview shows how black text looks on a background with the Hex color 31A300.



This preview shows how white text looks on a background with the Hex color 31A300.

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
31A300

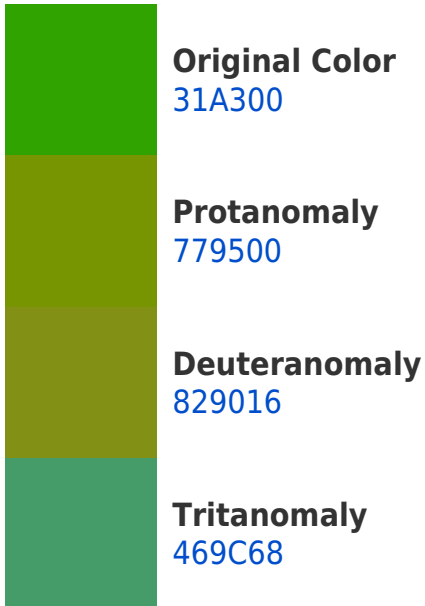
Protanopia
9F8D00

Deuteranopia
B18523

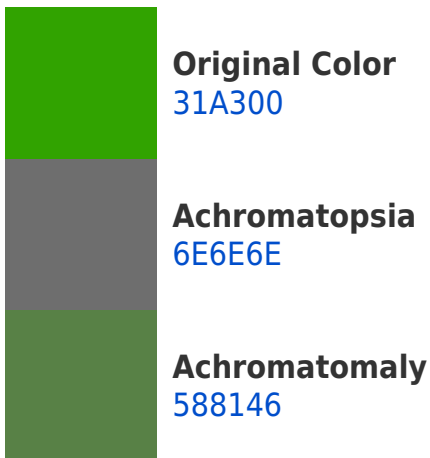


Tritanopia
5298A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A300 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 #31A300 looks like.

```
.text, #text, p{  
    color:#31A300  
}
```

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 #31A300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A300
}
```

Border

The CSS property to change the border of an element to Hex 31A300 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
#31A300 }
```

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

```
.border{ border-color:#31A300 }
```

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

Here you see how a box with a 4 pixel #31A300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A300; -webkit-box-shadow:4px 4px  
4px 4px #31A300; box-shadow:4px 4px 4px  
4px #31A300 }
```

Background

The CSS property to change the background color of an element to Hex 31A300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A300 }
```

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

```
.background{ background-color:#31A300 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor