

# Converting Colors

Hex(31A350)

Have a look what the booklet for  
Hex(31A350) contains.

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**Color**

**Hex(31A350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31A350
RGB	49, 163, 80
RGB Percent	19%, 64%, 31%
CMY	0.8078, 0.3608, 0.6863
CMYK	0.70, 0.00, 0.51, 0.36
HSL	136°, 54%, 42%
HSV	136°, 70%, 64%
XYZ	15.8118, 27.4265, 12.0499
YIQ	119.4520, -41.3010, -49.9810

# Conversions

## Conversions Part 2

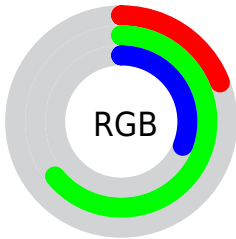
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 139, 163
Decimal	3253072
CIELab	59.37, -49.87, 33.92
CIELCh	59, 60.311, 145.776
Yxy	27.4265, 0.2860, 0.4961
Android (android.graphics.Color)	4281443152 (0xFF31A350)
YUV	119.4520, -19.4498, -61.7864
Hunter-Lab	52.3704, -37.7550, 23.0172

# Details

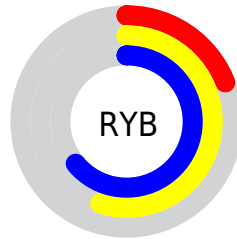
The Hex color **31A350** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A33184**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6EDB83**, and **006E20** is the 20% darker color. If you saturate the color by 10%, you get **21A344**, and if you desaturate by 10%, it is **41A35C**.

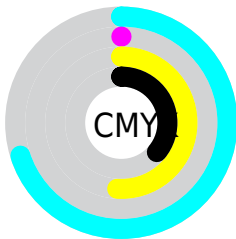
# Distribution



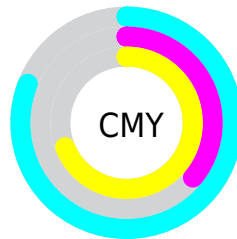
- Red (19%)
- Green (64%)
- Blue (31%)



- Red (19%)
- Yellow (55%)
- Blue (64%)



- Cyan (70%)
- Magenta (0%)
- Yellow (51%)
- Black (36%)



- Cyan (81%)
- Magenta (36%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31A350 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 31A350 by changing the saturation by 10% instead.





31A350



31A350

FFFFFF



008838



6EDB83



006E20



8BF89D



005505



A8FFB9



003C00



C5FFD5



002600



E2FFF1



000000



31A350



31A350



21A344



41A35C



10A338



52A368

■ 00A32C

■ 62A374

■ 72A37F

■ 83A38B

■ 93A397

■ A3A3A3

■ B3A3AF

■ C4A3BB

# Harmonies

## Analogous

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



7D9924



31A350



00A785

# Triad

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



31A350



0097F9



ED6164

# Complementary

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



31A350



A33184

# 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.



EA5C99



31A350



8184EF

# Square

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



31A350



00A3E6



C86DCB



D77536

# Rectangle

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



31A350



00A8AA



C86DCB



EF5D75



# Sweetspot

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



31A350



A7D4B3



85A331



506B58



EBEBEB



6B6B6B



# Same Dimension

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



31A350



22D452



31A388



49524C



009128



001205



# Inverse Universe

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



A33184



D422A3



A3314C



52494F



91006A



12000D



# Previews

## White Background



This preview shows how the Hex color 31A350 looks on a white background.

## Color Contrast Check

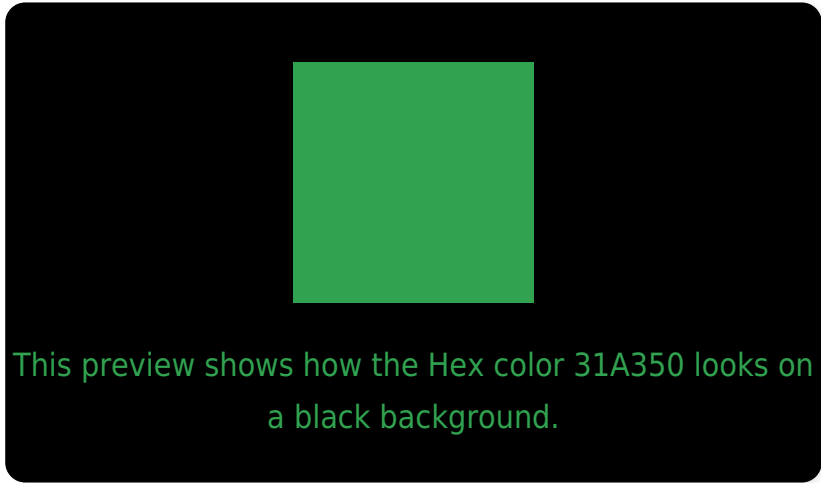
Large Text (above 18pt) WCAG AA ✓ Pass

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

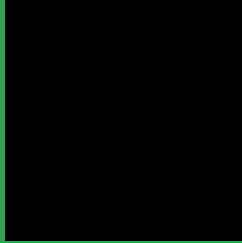
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 31A350 Background



This preview shows how black text looks on a background with the Hex color 31A350.



This preview shows how white text looks on a background with the Hex color 31A350.

# 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**  
31A350

**Protanopia**  
9D8E49

**Deuteranopia**  
AC8757



**Tritanopia**  
4D9AA6

# Trichromacy



**Original Color**  
31A350



**Protanomaly**  
76964C



**Deuteranomaly**  
7F9154



**Tritanomaly**  
439D87

# Monochromacy



**Original Color**  
31A350



**Achromatopsia**  
777777



**Achromatomaly**  
5E8769

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31A350 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 #31A350 looks like.

```
.text, #text, p{  
    color:#31A350  
}
```

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 #31A350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A350
}
```

## Border

The CSS property to change the border of an element to Hex 31A350 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
#31A350 }
```

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

```
.border{ border-color:#31A350 }
```

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

Here you see how a box with a 4 pixel #31A350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A350; -webkit-box-shadow:4px 4px  
4px 4px #31A350; box-shadow:4px 4px 4px  
4px #31A350 }
```

# Background

The CSS property to change the background color of an element to Hex 31A350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A350 }
```

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

```
.background{ background-color:#31A350 }
```

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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