

Converting Colors

Hex(31A631)

Have a look what the booklet for
Hex(31A631) contains.

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Color

Hex(31A631)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 31A631 |
| RGB | 49, 166, 49 |
| RGB Percent | 19%, 65%, 19% |
| CMY | 0.8078, 0.3490, 0.8078 |
| CMYK | 0.70, 0.00, 0.70, 0.35 |
| HSL | 120°, 54%, 42% |
| HSV | 120°, 70%, 65% |
| XYZ | 15.4572, 28.1472, 7.5240 |
| YIQ | 117.6790, -32.1750, -61.1910 |

Conversions

Conversions Part 2

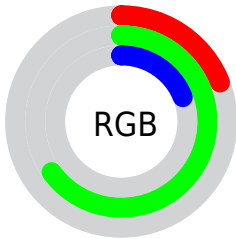
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 49, 166, 166 |
| Decimal | 3253809 |
| CIELab | 60.02, -54.76, 49.00 |
| CIELCh | 60, 73.482, 138.177 |
| Yxy | 28.1472, 0.3023, 0.5505 |
| Android (android.graphics.Color) | 4281443889 (0xFF31A631) |
| YUV | 117.6790, -33.8587, -60.2315 |
| Hunter-Lab | 53.0539, -40.8384, 28.7293 |

Details

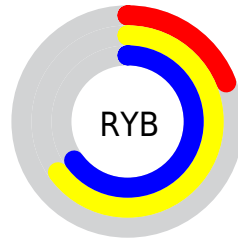
The Hex color **31A631** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A631A6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **70DE66**, and **007100** is the 20% darker color. If you saturate the color by 10%, you get **20A620**, and if you desaturate by 10%, it is **42A642**.

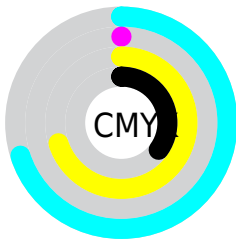
Distribution



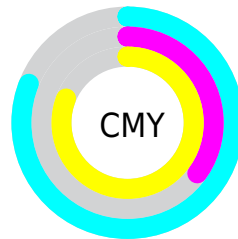
- Red (19%)
- Green (65%)
- Blue (19%)



- Red (19%)
- Yellow (65%)
- Blue (65%)



- Cyan (70%)
- Magenta (0%)
- Yellow (70%)
- Black (35%)



- Cyan (81%)
- Magenta (35%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A631 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 31A631 by changing the saturation by 10% instead.



31A631



31A631

FFFFFF



008B13



70DE66



007100



8DFB80



005700



AAFF9B



003E00



C8FFB7



002800



E6FFD3



000000



FFFFF0



31A631



31A631



20A620



42A642

 10A610

 52A652

 00A600

 63A663

 73A673

 84A684

 95A695

 A5A6A5

 B6A6B6

 C6A6C6

Harmonies

Analogous

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



899900



31A631



00AC74

Triad

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



31A631



00A0FF



FF4C6C

Complementary

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



31A631



A631A6

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.



F74EAD



31A631



4F8BFF

Square

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



31A631



00ABF0



C46CE8



EE6730

Rectangle

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



31A631



00AEA1



C46CE8



FF4882

Sweetspot

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



31A631



ABD9AB



A6A631



526E52



EDEDED



6E6E6E

Same Dimension

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



31A631



21D921



31A66B



4C544C



009400



001400

Inverse Universe

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



A631A6



D921D9



A6316B



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 31A631 looks on a white background.

Color Contrast Check

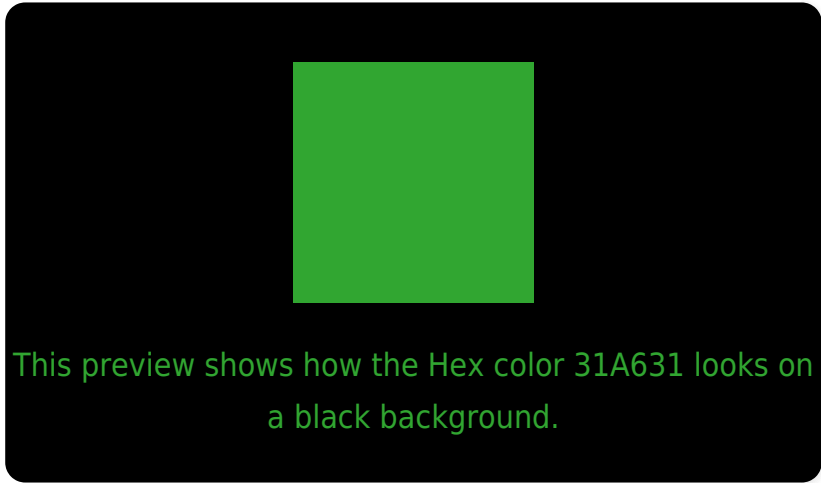
Large Text (above 18pt) WCAG AA ✓ Pass

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 31A631 Background



This preview shows how black text looks on a background with the Hex color 31A631.



This preview shows how white text looks on a background with the Hex color 31A631.

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
31A631

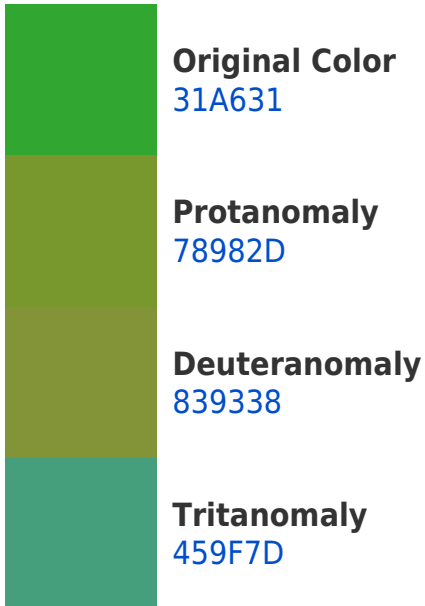
Protanopia
A1902B

Deuteranopia
B2883C

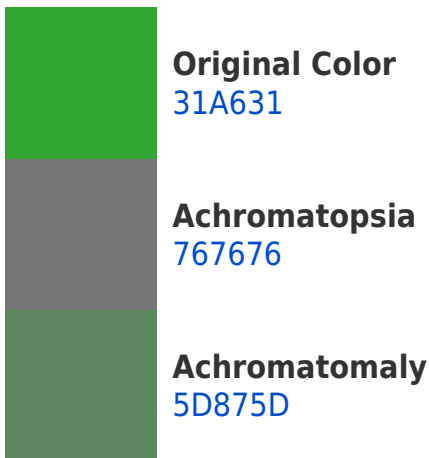


Tritanopia
519BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A631 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 #31A631 looks like.

```
.text, #text, p{  
    color:#31A631  
}
```

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 #31A631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A631
}
```

Border

The CSS property to change the border of an element to Hex 31A631 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
#31A631 }
```

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

```
.border{ border-color:#31A631 }
```

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

Here you see how a box with a 4 pixel #31A631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A631; -webkit-box-shadow:4px 4px  
4px 4px #31A631; box-shadow:4px 4px 4px  
4px #31A631 }
```

Background

The CSS property to change the background color of an element to Hex 31A631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A631 }
```

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

```
.background{ background-color:#31A631 }
```

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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