

# Converting Colors

Hex(31CE43)

Have a look what the booklet for  
Hex(31CE43) contains.

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**Color**

**Hex(31CE43)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31CE43
RGB	49, 206, 67
RGB Percent	19%, 81%, 26%
CMY	0.8078, 0.1922, 0.7373
CMYK	0.76, 0.00, 0.67, 0.19
HSL	127°, 62%, 50%
HSV	127°, 76%, 81%
XYZ	24.3510, 45.2008, 12.7514
YIQ	143.2110, -48.9530, -76.5130

# Conversions

## Conversions Part 2

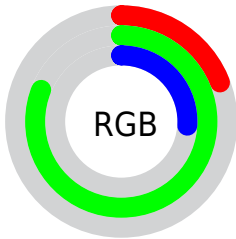
Format	Color
<a href="#">RYB</a>	<a href="#">49, 190, 206</a>
Decimal	<a href="#">3264067</a>
CIELab	<a href="#">73.02, -66.16, 55.64</a>
CIELCh	<a href="#">73, 86.446, 139.937</a>
Yxy	<a href="#">45.2008, 0.2959, 0.5492</a>
Android (android.graphics.Color)	<a href="#">4281454147 (0xFF31CE43)</a>
YUV	<a href="#">143.2110, -37.5720, -82.6230</a>
Hunter-Lab	<a href="#">67.2316, -53.0031, 35.8169</a>

# Details

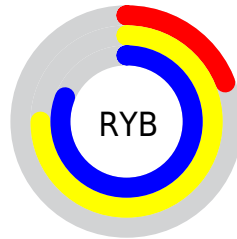
The Hex color **31CE43** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CE31BC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **78FF79**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **1CCE31**, and if you desaturate by 10%, it is **46CE55**.

# Distribution



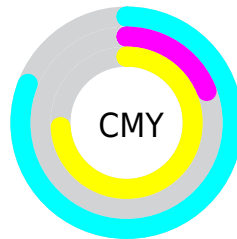
- Red (19%)
- Green (81%)
- Blue (26%)



- Red (19%)
- Yellow (75%)
- Blue (81%)



- Cyan (76%)
- Magenta (0%)
- Yellow (67%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31CE43 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 31CE43 by changing the saturation by 10% instead.



 31CE43

 31CE43

FFFFFF

 00B226


 78FF79

 009600

 97FF95

 007B00

 B6FFB1

 006100

 D5FFCD

 004700

 F4FFEA

 003000

 001300

 000000

 31CE43

 31CE43

 1CCE31

 46CE55

 08CE1F

 5ACE67

 00CE18

 6FCE7A

 83CE8C

 98CE9E

 ADCEB0

 C1CEC3

 D6CED5

 EACEE7

# Harmonies

## Analogous

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



A5BF00



31CE43



00D595

# Triad

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



31CE43



00C5FF



FF6082

# Complementary

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



31CE43



CE31BC

# Split Complementary

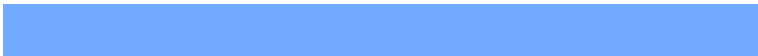
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5FD1



31CE43



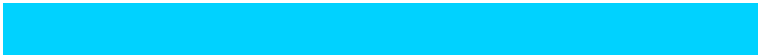
71AAFF

# Square

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



31CE43



00D2FF



F783FF



FF8338

# Rectangle

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



31CE43



00D7CC



F783FF



FF5B9C

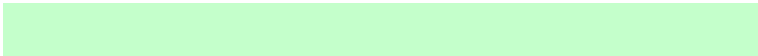


# Sweetspot

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



31CE43



C4FFCB



BECE31



5C8060



000000



808080



# Same Dimension

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



31CE43



17FF32



31CE8F



5C665D



00A613



002604



# Inverse Universe

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



CE31BC



FF17E4



CE3170



665C65



A60093

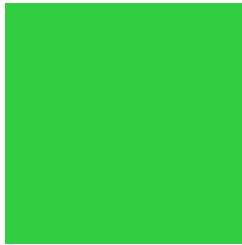


260022



# Previews

## White Background



This preview shows how the Hex color 31CE43 looks on a white background.

## Color Contrast Check

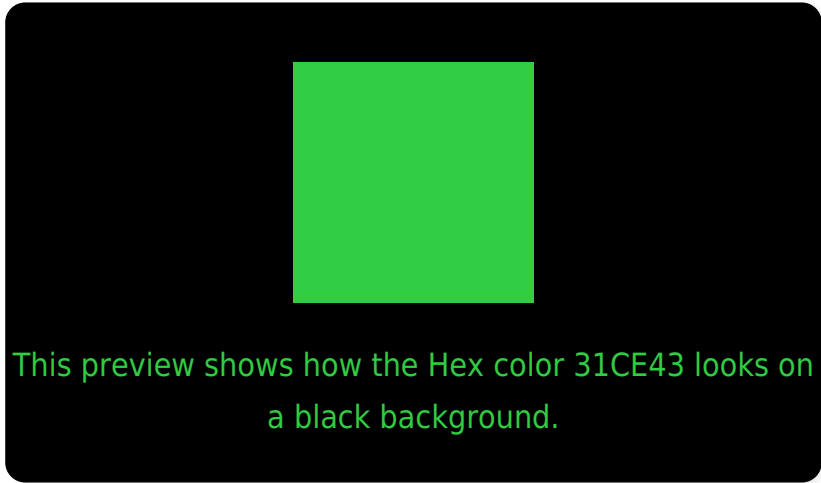
Large Text (above 18pt) WCAG AA × Fail

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 31CE43 Background



This preview shows how black text looks on a background with the Hex color 31CE43.

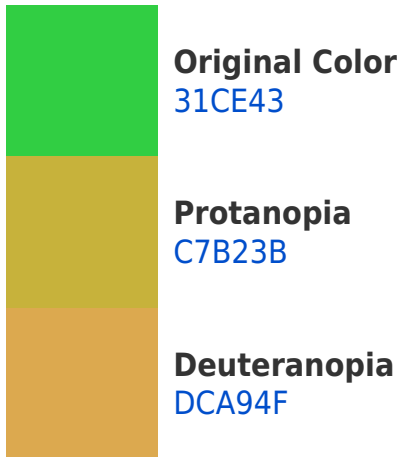


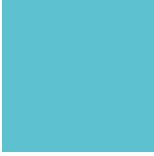
This preview shows how white text looks on a background with the Hex color 31CE43.

# Color Blindness Simulation

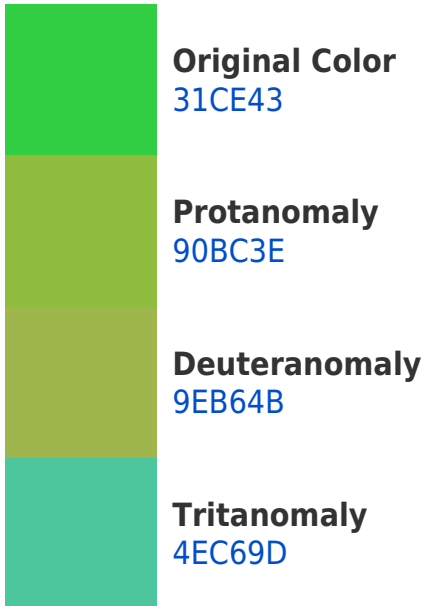
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

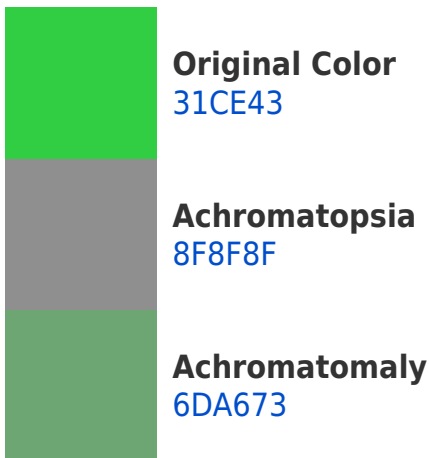




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31CE43 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 #31CE43 looks like.

```
.text, #text, p{  
    color:#31CE43  
}
```

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 #31CE43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31CE43
}
```

## Border

The CSS property to change the border of an element to Hex 31CE43 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
#31CE43 }
```

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

```
.border{ border-color:#31CE43 }
```

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

Here you see how a box with a 4 pixel #31CE43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31CE43; -webkit-box-shadow:4px 4px  
4px 4px #31CE43; box-shadow:4px 4px 4px  
4px #31CE43 }
```

# Background

The CSS property to change the background color of an element to Hex 31CE43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31CE43 }
```

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

```
.background{ background-color:#31CE43 }
```

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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