

Converting Colors

Hex(31C871)

Have a look what the booklet for
Hex(31C871) contains.

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Color

Hex(31C871)

Conversions

Conversions Part 1

Format	Color
Hex	31C871
RGB	49, 200, 113
RGB Percent	19%, 78%, 44%
CMY	0.8078, 0.2157, 0.5569
CMYK	0.76, 0.00, 0.43, 0.22
HSL	145°, 61%, 49%
HSV	145°, 76%, 78%
XYZ	24.9015, 43.1538, 22.6399
YIQ	144.9330, -62.0690, -59.0690

Conversions

Conversions Part 2

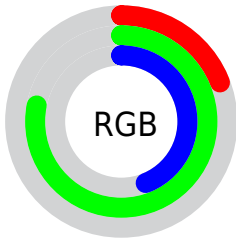
Format	Color
RYB	49, 155, 200
Decimal	3262577
CIELab	71.66, -57.90, 32.65
CIElCh	72, 66.474, 150.582
Yxy	43.1538, 0.2746, 0.4758
Android (android.graphics.Color)	4281452657 (0xFF31C871)
YUV	144.9330, -15.7430, -84.1332
Hunter-Lab	65.6915, -47.2966, 25.5504

Details

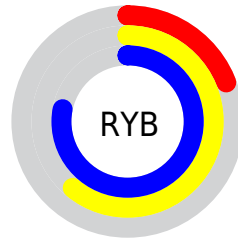
The Hex color **31C871** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C83188**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **75FFA6**, and **00913F** is the 20% darker color. If you saturate the color by 10%, you get **1DC865**, and if you desaturate by 10%, it is **45C87D**.

Distribution



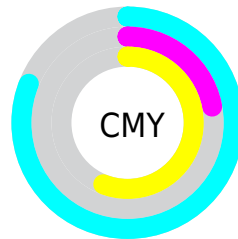
- Red (19%)
- Green (78%)
- Blue (44%)



- Red (19%)
- Yellow (61%)
- Blue (78%)



- Cyan (76%)
- Magenta (0%)
- Yellow (43%)
- Black (22%)



- Cyan (81%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31C871 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 31C871 by changing the saturation by 10% instead.

 31C871

 31C871

FFFFFF

 00AC58

 75FFA6

 00913F

 94FFC1

 007627

 B2FFDD

 005C0F

 D0FFFA

 004300

 EFFFFFFF

 002C00

 000B00

 000000

 31C871

 31C871

 1DC865

 45C87D

 09C85A

 59C888

 00C855

 6DC894

 81C89F

 95C8AB

 A9C8B6

 BDC8C2

 D1C8CD

 E5C8D9

Harmonies

Analogous

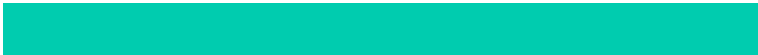
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91BE3E



31C871



00CCAF

Triad

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



31C871



00B6FF



FF7F75

Complementary

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



31C871



C83188

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.



FF76B1



31C871



B19FFF

Square

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



31C871



00C5FF



FA85EC



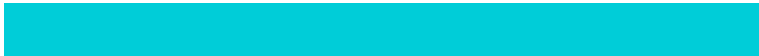
FD9644

Rectangle

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



31C871



00CDD8



FA85EC



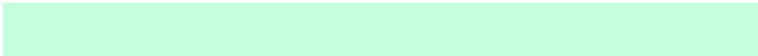
FF7A88

Sweetspot

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



31C871



C4FFDD



89C831



5C806B



000000



808080

Same Dimension

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



31C871



17FF79



31C8BB



5A635E



00A345



00240F

Inverse Universe

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



C83188



FF179D



C8313E



635A5F



A3005E



240015

Previews

White Background



This preview shows how the Hex color 31C871 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 31C871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

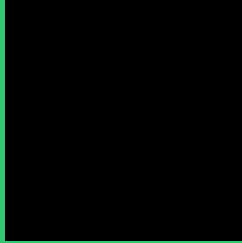
Any Text WCAG AA ✓ Pass

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 31C871 Background



This preview shows how black text looks on a background with the Hex color 31C871.

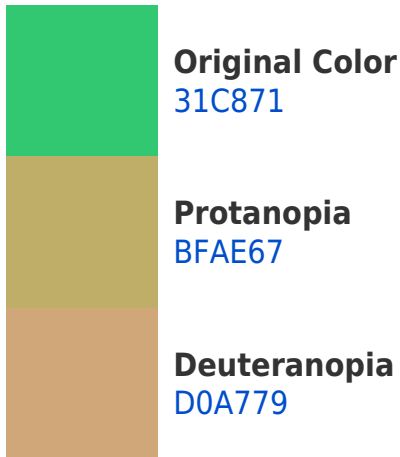


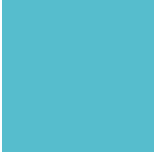
This preview shows how white text looks on a background with the Hex color 31C871.

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
56BDCD

Trichromacy



Original Color
31C871



Protanomaly
8BB76B



Deuteranomaly
96B376



Tritanomaly
49C1AC

Monochromacy



Original Color
31C871



Achromatopsia
919191



Achromatomaly
6EA585

CSS Examples

Text

The CSS property to change the color of the text to Hex 31C871 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 #31C871 looks like.

```
.text, #text, p{  
    color:#31C871  
}
```

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 #31C871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31C871
}
```

Border

The CSS property to change the border of an element to Hex 31C871 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
#31C871 }
```

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

```
.border{ border-color:#31C871 }
```

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

Here you see how a box with a 4 pixel #31C871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31C871; -webkit-box-shadow:4px 4px  
4px 4px #31C871; box-shadow:4px 4px 4px  
4px #31C871 }
```

Background

The CSS property to change the background color of an element to Hex 31C871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31C871 }
```

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

```
.background{ background-color:#31C871 }
```

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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