

Converting Colors

Hex(31C469)

Have a look what the booklet for
Hex(31C469) contains.

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Color

Hex(31C469)

Conversions

Conversions Part 1

Format	Color
Hex	31C469
RGB	49, 196, 105
RGB Percent	19%, 77%, 41%
CMY	0.8078, 0.2314, 0.5882
CMYK	0.75, 0.00, 0.46, 0.23
HSL	143°, 60%, 48%
HSV	143°, 75%, 77%
XYZ	23.5564, 41.1527, 20.0663
YIQ	141.6730, -58.4010, -59.4650

Conversions

Conversions Part 2

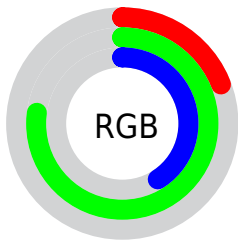
Format	Color
RYB	49, 155, 196
Decimal	3261545
CIELab	70.28, -57.84, 34.95
CIELCh	70, 67.577, 148.858
Yxy	41.1527, 0.2779, 0.4854
Android (android.graphics.Color)	4281451625 (0xFF31C469)
YUV	141.6730, -18.0798, -81.2742
Hunter-Lab	64.1504, -46.7171, 26.3593

Details

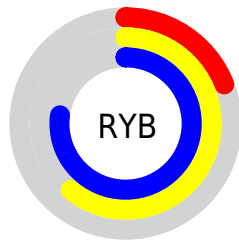
The Hex color **31C469** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C4318C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **75FE9D**, and **008D37** is the 20% darker color. If you saturate the color by 10%, you get **1DC45D**, and if you desaturate by 10%, it is **45C475**.

Distribution



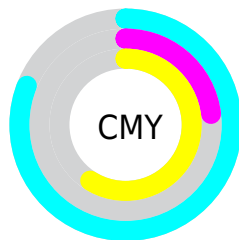
- Red (19%)
- Green (77%)
- Blue (41%)



- Red (19%)
- Yellow (61%)
- Blue (77%)



- Cyan (75%)
- Magenta (0%)
- Yellow (46%)
- Black (23%)



- Cyan (81%)
- Magenta (23%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31C469 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 31C469 by changing the saturation by 10% instead.

 31C469

 31C469

FFFFFF

 00A850

 75FE9D

 008D37

 93FFB9

 00721F

 B1FFD5

 005804

 CFFFF1

 003F00

 EDFFFF

 002900

 000200

 000000

 31C469

 31C469

■ 1DC45D

■ 45C475

■ 0AC451

■ 58C481

■ 00C44B

■ 6CC48D

■ 7FC49A

■ 93C4A6

■ A7C4B2

■ BAC4BE

■ CEC4CA

■ E1C4D6

Harmonies

Analogous

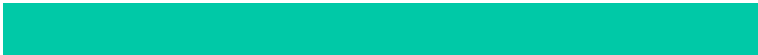
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91BA35



31C469



00C9A7

Triad

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



31C469



00B4FF



FF7974

Complementary

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



31C469



C4318C

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.



FF71B1



31C469



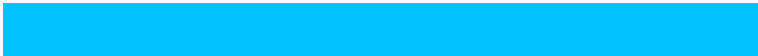
A79DFF

Square

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



31C469



00C2FF



F482EC



FC9041

Rectangle

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



31C469



00C9D2



F482EC



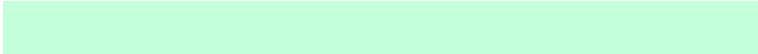
FF7488

Sweetspot

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



31C469



C4FFDB



8EC431



5C8069



000000



808080

Same Dimension

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



31C469



19FF71



31C4B0



57615B



00A13D



00210D

Inverse Universe

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



C4318C



FF19A8



C43145



61575D



A10063



210015

Previews

White Background



This preview shows how the Hex color 31C469 looks on a white background.

Color Contrast Check

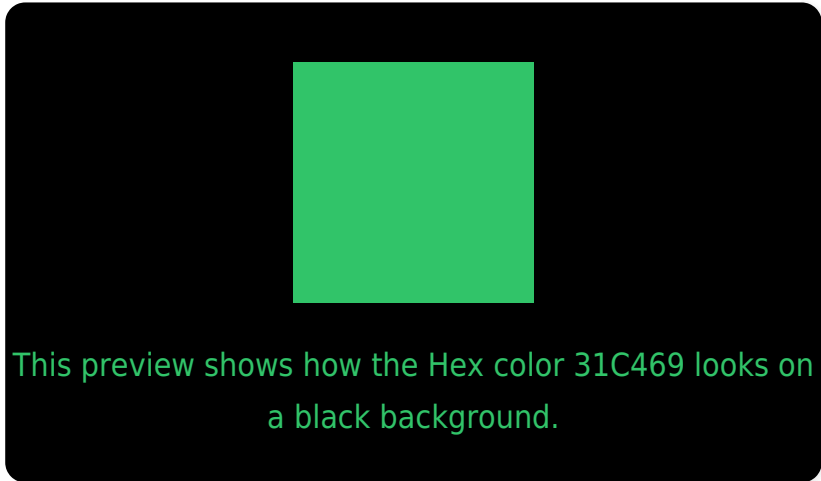
Large Text (above 18pt) WCAG AA × Fail

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 31C469 Background



This preview shows how black text looks on a background with the Hex color 31C469.

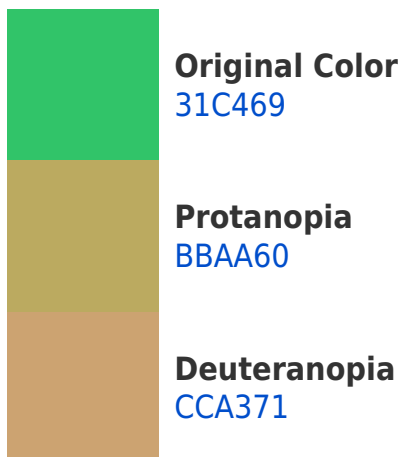


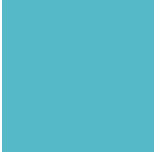
This preview shows how white text looks on a background with the Hex color 31C469.

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](#).

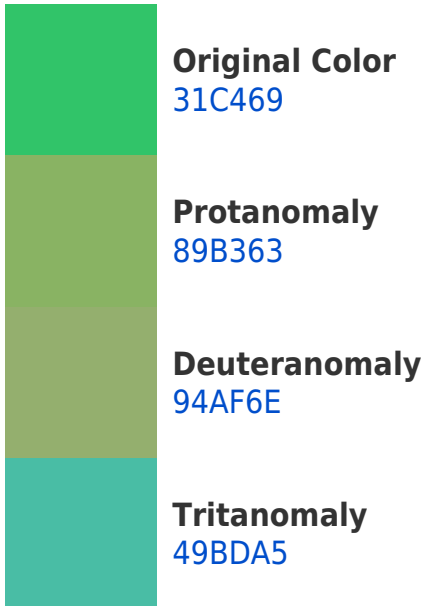
Dichromacy



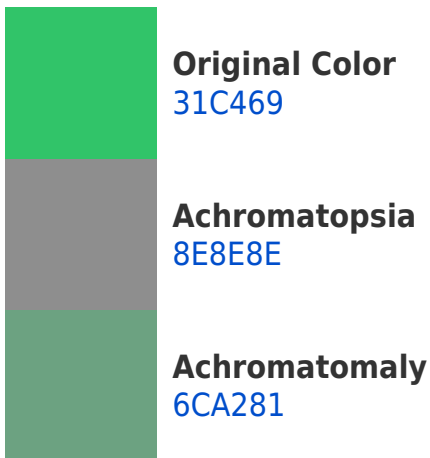


Tritanopia
56B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31C469 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 #31C469 looks like.

```
.text, #text, p{  
    color:#31C469  
}
```

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 #31C469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31C469
}
```

Border

The CSS property to change the border of an element to Hex 31C469 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
#31C469 }
```

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

```
.border{ border-color:#31C469 }
```

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

Here you see how a box with a 4 pixel #31C469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31C469; -webkit-box-shadow:4px 4px  
4px 4px #31C469; box-shadow:4px 4px 4px  
4px #31C469 }
```

Background

The CSS property to change the background color of an element to Hex 31C469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31C469 }
```

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

```
.background{ background-color:#31C469 }
```

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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