

Converting Colors

Hex(31CF6E)

Have a look what the booklet for
Hex(31CF6E) contains.

Hex(31CF6E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(31CF6E)

Conversions

Conversions Part 1

Format	Color
Hex	31CF6E
RGB	49, 207, 110
RGB Percent	19%, 81%, 43%
CMY	0.8078, 0.1882, 0.5686
CMYK	0.76, 0.00, 0.47, 0.19
HSL	143°, 62%, 50%
HSV	143°, 76%, 81%
XYZ	26.3939, 46.4044, 22.3177
YIQ	148.7000, -63.0310, -63.6630

Conversions

Conversions Part 2

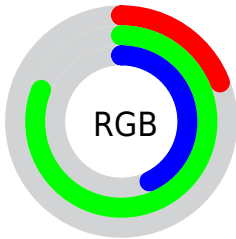
Format	Color
RYB	49, 163, 207
Decimal	3264366
CIELab	73.81, -60.89, 36.92
CIELCh	74, 71.211, 148.773
Yxy	46.4044, 0.2775, 0.4879
Android (android.graphics.Color)	4281454446 (0xFF31CF6E)
YUV	148.7000, -19.0791, -87.4369
Hunter-Lab	68.1208, -50.0502, 28.2600

Details

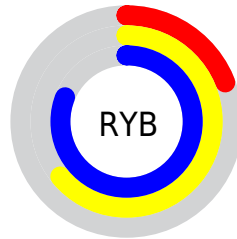
The Hex color **31CF6E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CF3192**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **77FFA3**, and **00973C** is the 20% darker color. If you saturate the color by 10%, you get **1CCF61**, and if you desaturate by 10%, it is **46CF7B**.

Distribution



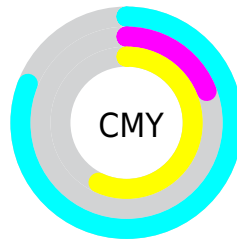
- Red (19%)
- Green (81%)
- Blue (43%)



- Red (19%)
- Yellow (64%)
- Blue (81%)



- Cyan (76%)
- Magenta (0%)
- Yellow (47%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31CF6E 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 31CF6E by changing the saturation by 10% instead.



31CF6E



31CF6E

FFFFFF



00B355



77FFA3



00973C



96FFBE



007C23



B4FFDB



006207



D3FFF7



004900



F1FFFF



003200



001600



000000



31CF6E



31CF6E

 1CCF61

 46CF7B

 08CF55

 5ACF87

 00CF50

 6FCF94

 84CFA1

 99CFAE

 ADCFBA

 C2CFC7

 D7CFD4

 EBCFE0

Harmonies

Analogous

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



98C436



31CF6E



00D4B1

Triad

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



31CF6E



00BEFF



FF7F7A

Complementary

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



31CF6E



CF3192

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.



FF77BB



31CF6E



B0A5FF

Square

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



31CF6E



00CFFF



FF88FA



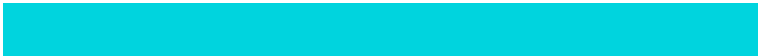
FF9843

Rectangle

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



31CF6E



00D4DE



FF88FA



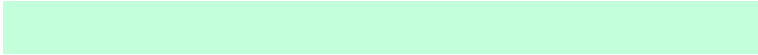
FF798F

Sweetspot

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



31CF6E



C4FFDB



92CF31



5C806A



000000



808080

Same Dimension

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



31CF6E



14FF6F



31CFBD



5E6962



00A841



002910

Inverse Universe

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



CF3192



FF14A4



CF3143



695E65



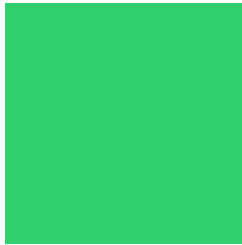
A80067



290019

Previews

White Background



This preview shows how the Hex color 31CF6E looks on a white background.

Color Contrast Check

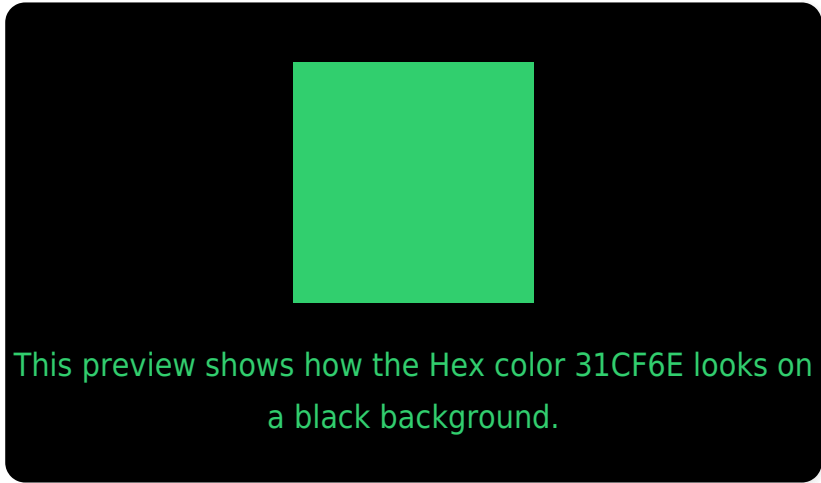
Large Text (above 18pt) WCAG AA × Fail

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 31CF6E Background



This preview shows how black text looks on a background with the Hex color 31CF6E.

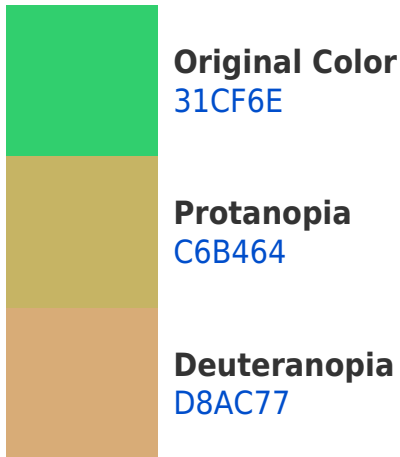


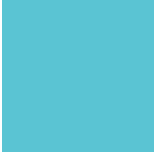
This preview shows how white text looks on a background with the Hex color 31CF6E.

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
5AC4D3

Trichromacy



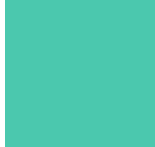
Original Color
31CF6E



Protanomaly
90BE68



Deuteranomaly
9BB974



Tritanomaly
4BC8AE

Monochromacy



Original Color
31CF6E



Achromatopsia
959595



Achromatomaly
71AA87

CSS Examples

Text

The CSS property to change the color of the text to Hex 31CF6E 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 #31CF6E looks like.

```
.text, #text, p{  
    color:#31CF6E  
}
```

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 #31CF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31CF6E
}
```

Border

The CSS property to change the border of an element to Hex 31CF6E 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
#31CF6E }
```

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

```
.border{ border-color:#31CF6E }
```

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

Here you see how a box with a 4 pixel #31CF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31CF6E; -webkit-box-shadow:4px 4px  
4px 4px #31CF6E; box-shadow:4px 4px 4px  
4px #31CF6E }
```

Background

The CSS property to change the background color of an element to Hex 31CF6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31CF6E }
```

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

```
.background{ background-color:#31CF6E }
```

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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