

Converting Colors

Hex(31E265)

Have a look what the booklet for
Hex(31E265) contains.

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Color

Hex(31E265)

Conversions

Conversions Part 1

Format	Color
Hex	31E265
RGB	49, 226, 101
RGB Percent	19%, 89%, 40%
CMY	0.8078, 0.1137, 0.6039
CMYK	0.78, 0.00, 0.55, 0.11
HSL	138°, 75%, 54%
HSV	138°, 78%, 89%
XYZ	30.8119, 55.9853, 21.4942
YIQ	158.8270, -65.3670, -76.3990

Conversions

Conversions Part 2

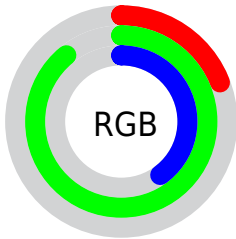
Format	Color
RYB	49, 186, 226
Decimal	3269221
CIELab	79.61, -68.62, 48.38
CIELCh	80, 83.959, 144.811
Yxy	55.9853, 0.2845, 0.5170
Android (android.graphics.Color)	4281459301 (0xFF31E265)
YUV	158.8270, -28.5087, -96.3183
Hunter-Lab	74.8233, -57.4352, 35.3443

Details

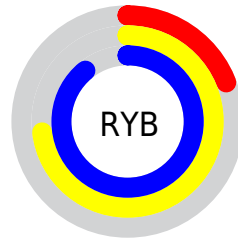
The Hex color **31E265** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E231AE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7CFF9B**, and **00A930** is the 20% darker color. If you saturate the color by 10%, you get **1AE255**, and if you desaturate by 10%, it is **48E275**.

Distribution



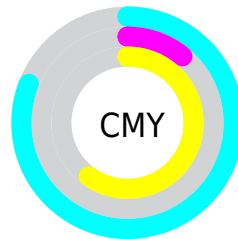
- Red (19%)
- Green (89%)
- Blue (40%)



- Red (19%)
- Yellow (73%)
- Blue (89%)



- Cyan (78%)
- Magenta (0%)
- Yellow (55%)
- Black (11%)



- Cyan (81%)
- Magenta (11%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31E265 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 31E265 by changing the saturation by 10% instead.

 31E265

 31E265


FFFFFF

 00C54B

 7CFF9B

 00A930

 9BFFB6

 008E12

 BBFFD3

 007300

 DAFFF0

 005800

 F9FFFF

 004000

 002700

 000000

 31E265

 31E265

 1AE255

 48E275

 04E245

 5EE285

 00E242

 75E295

 8BE2A5

 A2E2B5

 B9E2C5

 CFE2D5

 E6E2E5

 FCE2F5

Harmonies

Analogous

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



ACD417



31E265



00E9B5

Triad

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



31E265



00D3FF



FF7D89

Complementary

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



31E265



E231AE

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.



FF76D6



31E265



A9B6FF

Square

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



31E265



00E3FF



FF92FF



FF9D43

Rectangle

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



31E265



00EAEB



FF92FF



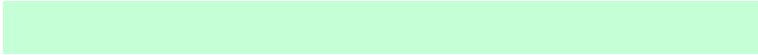
FF76A2

Sweetspot

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



31E265



C4FFD6



B0E231



5C8066



000000



808080

Same Dimension

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



31E265



0FFF56



31E2BC



657068



00B034



00300E

Inverse Universe

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



E231AE



FF0FB9



E23157



70656D



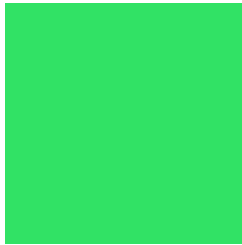
B0007C



300022

Previews

White Background



This preview shows how the Hex color 31E265 looks on a white background.

Color Contrast Check

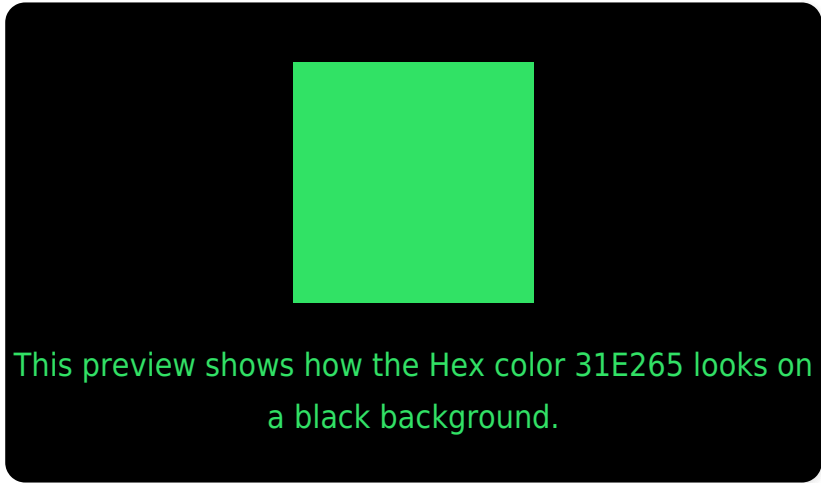
Large Text (above 18pt) WCAG AA × Fail

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

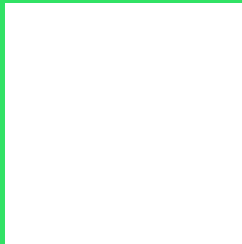
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 31E265 Background



This preview shows how black text looks on a background with the Hex color 31E265.

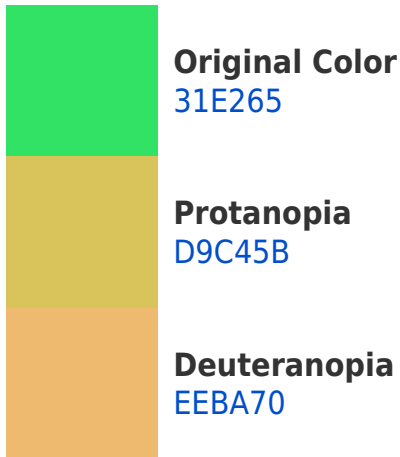


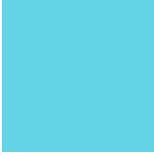
This preview shows how white text looks on a background with the Hex color 31E265.

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
63D4E6

Trichromacy



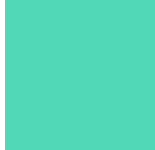
Original Color
31E265



Protanomaly
9CCF5F



Deuteranomaly
A9C96C



Tritanomaly
51D9B7

Monochromacy



Original Color
31E265



Achromatopsia
9F9F9F



Achromatomaly
77B78A

CSS Examples

Text

The CSS property to change the color of the text to Hex 31E265 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 #31E265 looks like.

```
.text, #text, p{  
    color:#31E265  
}
```

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 #31E265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31E265
}
```

Border

The CSS property to change the border of an element to Hex 31E265 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
#31E265 }
```

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

```
.border{ border-color:#31E265 }
```

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

Here you see how a box with a 4 pixel #31E265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31E265; -webkit-box-shadow:4px 4px  
4px 4px #31E265; box-shadow:4px 4px 4px  
4px #31E265 }
```

Background

The CSS property to change the background color of an element to Hex 31E265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31E265 }
```

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

```
.background{ background-color:#31E265 }
```

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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