

Converting Colors

Hex(3CAF31)

Have a look what the booklet for
Hex(3CAF31) contains.

Hex(3CAF31)	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(3CAF31)

Conversions

Conversions Part 1

Format	Color
Hex	3CAF31
RGB	60, 175, 49
RGB Percent	24%, 69%, 19%
CMY	0.7647, 0.3137, 0.8078
CMYK	0.66, 0.00, 0.72, 0.31
HSL	115°, 56%, 44%
HSV	115°, 72%, 69%
XYZ	17.7478, 31.8424, 8.1165
YIQ	126.2510, -28.0940, -63.5660

Conversions

Conversions Part 2

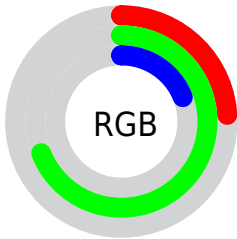
Format	Color
RYB	49, 175, 164
Decimal	3977009
CIELab	63.21, -55.65, 52.40
CIELCh	63, 76.437, 136.721
Yxy	31.8424, 0.3076, 0.5518
Android (android.graphics.Color)	4282167089 (0xFF3CAF31)
YUV	126.2510, -38.0847, -58.1021
Hunter-Lab	56.4290, -42.6097, 30.9723

Details

The Hex color **3CAF31** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **A431AF**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7AE867**, and **007900** is the 20% darker color. If you saturate the color by 10%, you get **2CAF20**, and if you desaturate by 10%, it is **4CAF43**.

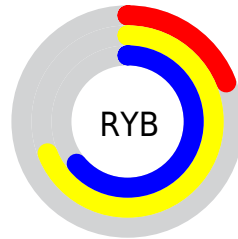
Distribution



Red (24%)

Green (69%)

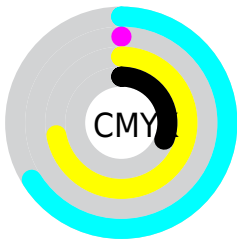
Blue (19%)



Red (19%)

Yellow (69%)

Blue (64%)

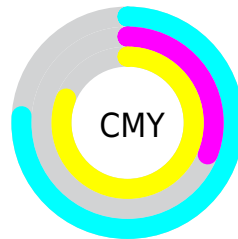


Cyan (66%)

Magenta (0%)

Yellow (72%)

Black (31%)



Cyan (76%)

Magenta (31%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CAF31 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 3CAF31 by changing the saturation by 10% instead.



3CAF31



3CAF31

FFFFFF



109412



7AE867



007900



97FF81



005F00



B4FF9D



004600



D2FFB9



003000



F0FFD5



001300



FFFFFF2



000000



3CAF31



3CAF31



2CAF20



4CAF43

 1CAF0E

 5CAF54

 0FAF00

 6CAF66

 7CAF77

 8CAF89

 9CAF9A

 ACAFAB

 BCAFB D

 CCAFCF

Harmonies

Analogous

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



94A100



3CAF31



00B677

Triad

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



3CAF31



00AFFF



FF5076

Complementary

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



3CAF31



A431AF

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.



FF54BA



3CAF31



4994FF

Square

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



3CAF31



00B5FB



CB74F7



FD6C36

Rectangle

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



3CAF31



00B8A7



CB74F7



FF4D8D

Sweetspot

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



3CAF31



B5E3B1



AFA231



587355



F2F2F2



737373

Same Dimension

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



3CAF31



31E320



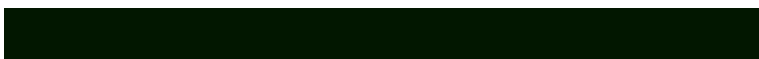
31AF63



4F574E



0D9600



021700

Inverse Universe

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



A431AF



D220E3



AF317D



564E57



890096



150017

Previews

White Background



This preview shows how the Hex color 3CAF31 looks on a white background.

Color Contrast Check

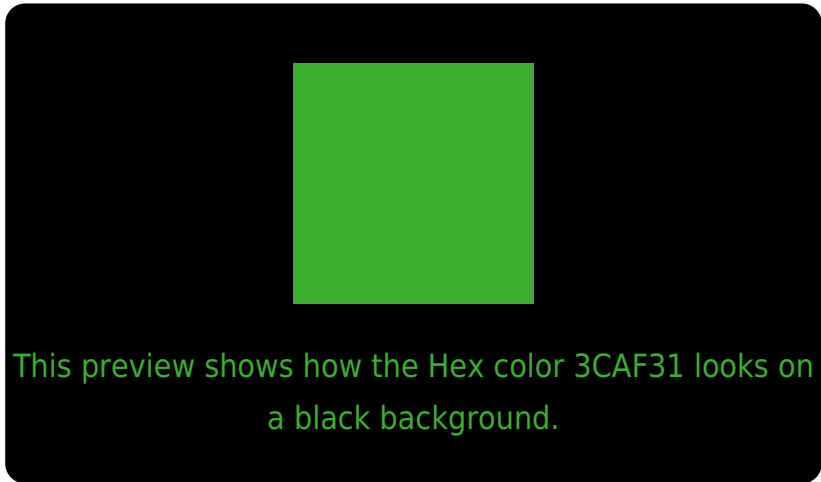
Large Text (above 18pt) WCAG AA × Fail

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 3CAF31 Background



This preview shows how black text looks on a background with the Hex color 3CAF31.

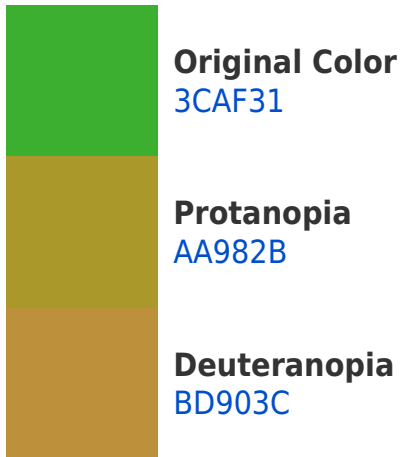


This preview shows how white text looks on a background with the Hex color 3CAF31.

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



Original Color
3CAF31



Protanomaly
82A02D



Deuteranomaly
8E9B38



Tritanomaly
50A782

Monochromacy



Original Color
3CAF31



Achromatopsia
7E7E7E



Achromatomaly
669062

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CAF31 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 #3CAF31 looks like.

```
.text, #text, p{  
    color:#3CAF31  
}
```

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 #3CAF31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CAF31
}
```

Border

The CSS property to change the border of an element to Hex 3CAF31 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
#3CAF31 }
```

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

```
.border{ border-color:#3CAF31 }
```

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

Here you see how a box with a 4 pixel #3CAF31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CAF31; -webkit-box-shadow:4px 4px  
4px 4px #3CAF31; box-shadow:4px 4px 4px  
4px #3CAF31 }
```

Background

The CSS property to change the background color of an element to Hex 3CAF31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CAF31 }
```

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

```
.background{ background-color:#3CAF31 }
```

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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