

Converting Colors

Hex(30AB39)

Have a look what the booklet for
Hex(30AB39) contains.

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Color

Hex(30AB39)

Conversions

Conversions Part 1

Format	Color
Hex	30AB39
RGB	48, 171, 57
RGB Percent	19%, 67%, 22%
CMY	0.8118, 0.3294, 0.7765
CMYK	0.72, 0.00, 0.67, 0.33
HSL	124°, 56%, 43%
HSV	124°, 72%, 67%
XYZ	16.5204, 30.0496, 8.8003
YIQ	121.2270, -36.7140, -61.5300

Conversions

Conversions Part 2

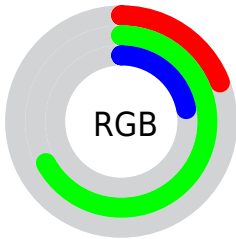
Format	Color
RYB	48, 163, 171
Decimal	3189561
CIELab	61.70, -55.86, 47.49
CIELCh	62, 73.320, 139.633
Yxy	30.0496, 0.2984, 0.5427
Android (android.graphics.Color)	4281379641 (0xFF30AB39)
YUV	121.2270, -31.6639, -64.2201
Hunter-Lab	54.8175, -42.1361, 28.8539

Details

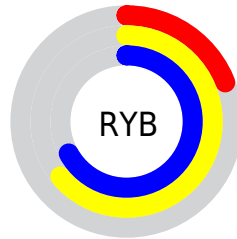
The Hex color **30AB39** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB30A2**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **70E36D**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **1FAB29**, and if you desaturate by 10%, it is **41AB49**.

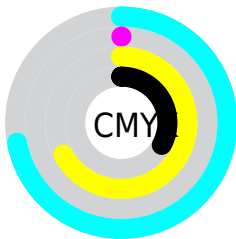
Distribution



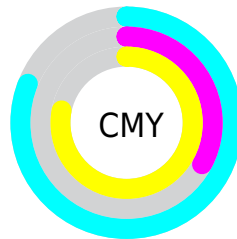
- Red (19%)
- Green (67%)
- Blue (22%)



- Red (19%)
- Yellow (64%)
- Blue (67%)



- Cyan (72%)
- Magenta (0%)
- Yellow (67%)
- Black (33%)



- Cyan (81%)
- Magenta (33%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30AB39 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 30AB39 by changing the saturation by 10% instead.



30AB39



30AB39

FFFFFF



00901E



70E36D



007500



8EFF88



005C00



ABFFA3



004300



C8FFBF



002C00



E6FFDB



000C00



FFFFF8



000000



30AB39



30AB39



1FAB29



41AB49

■ 0EAB19

■ 52AB59

■ 00AB0D

■ 63AB69

■ 74AB78

■ 85AB88

■ 97AB98

■ A8ABA8

■ B9ABB8

■ CAABC8

Harmonies

Analogous

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



8A9F00



30AB39



00B17B

Triad

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



30AB39



00A3FF



FF526E

Complementary

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



30AB39



AB30A2

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.



FD52AE



30AB39



5F8EFF

Square

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



30AB39



00AFF7



CC6FEA



F16E31

Rectangle

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



30AB39



00B2A9



CC6FEA



FF4E83

Sweetspot

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



30AB39



ADDEB1



A3AB30



537055



F0F0F0



707070

Same Dimension

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



30AB39



1FDE2D



30AB76



4E574F



00960B



001702

Inverse Universe

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



AB30A2



DE1FD0



AB3065



574E56



96008B



170015

Previews

White Background



This preview shows how the Hex color 30AB39 looks on a white background.

Color Contrast Check

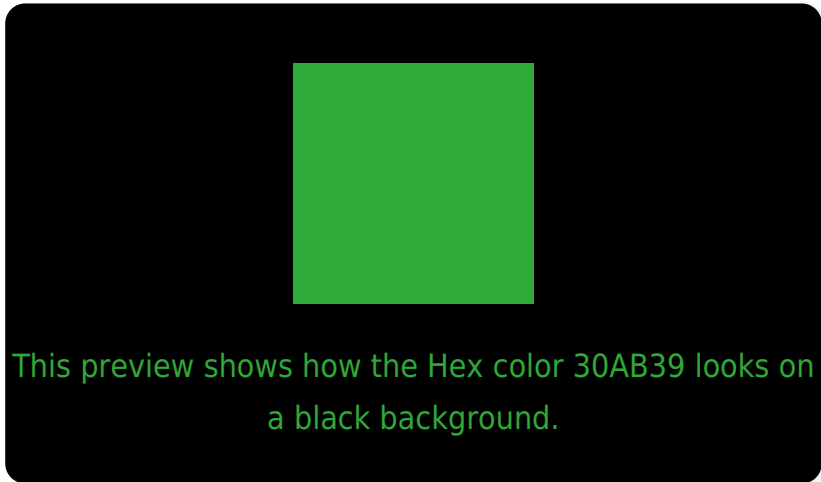
Large Text (above 18pt) WCAG AA ✓ Pass

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

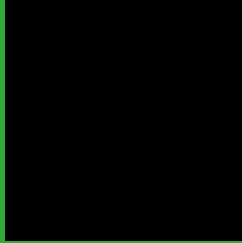
Any Text WCAG AA ✓ Pass

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 30AB39 Background



This preview shows how black text looks on a background with the Hex color 30AB39.

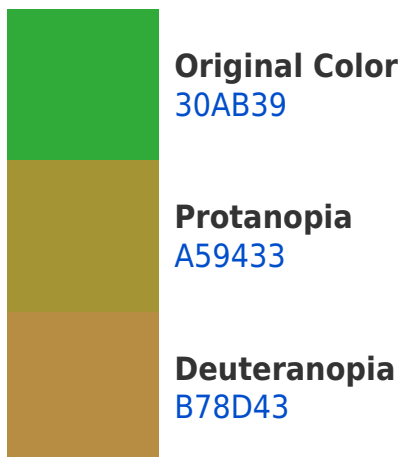


This preview shows how white text looks on a background with the Hex color 30AB39.

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](#).

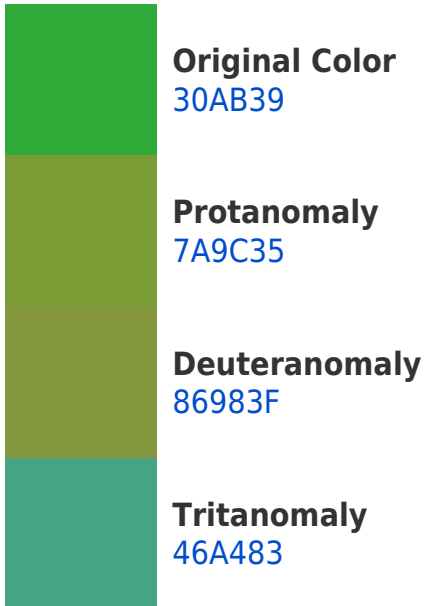
Dichromacy



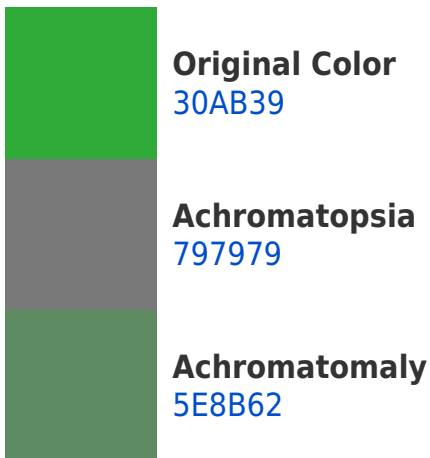


Tritanopia
52A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30AB39 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 #30AB39 looks like.

```
.text, #text, p{  
    color:#30AB39  
}
```

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 #30AB39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30AB39
}
```

Border

The CSS property to change the border of an element to Hex 30AB39 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
#30AB39 }
```

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

```
.border{ border-color:#30AB39 }
```

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

Here you see how a box with a 4 pixel #30AB39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30AB39; -webkit-box-shadow:4px 4px  
4px 4px #30AB39; box-shadow:4px 4px 4px  
4px #30AB39 }
```

Background

The CSS property to change the background color of an element to Hex 30AB39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30AB39 }
```

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

```
.background{ background-color:#30AB39 }
```

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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