

Converting Colors

Hex(30AC33)

Have a look what the booklet for
Hex(30AC33) contains.

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Color

Hex(30AC33)

Conversions

Conversions Part 1

Format	Color
Hex	30AC33
RGB	48, 172, 51
RGB Percent	19%, 67%, 20%
CMY	0.8118, 0.3255, 0.8000
CMYK	0.72, 0.00, 0.70, 0.33
HSL	121°, 56%, 43%
HSV	121°, 72%, 67%
XYZ	16.5690, 30.3724, 8.1212
YIQ	121.1300, -35.0630, -63.9190

Conversions

Conversions Part 2

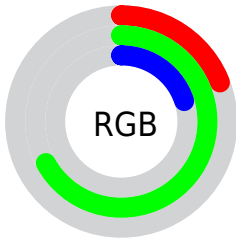
Format	Color
RYB	48, 169, 172
Decimal	3189811
CIELab	61.97, -56.78, 50.25
CIELCh	62, 75.826, 138.493
Yxy	30.3724, 0.3009, 0.5516
Android (android.graphics.Color)	4281379891 (0xFF30AC33)
YUV	121.1300, -34.5741, -64.1350
Hunter-Lab	55.1112, -42.7792, 29.8409

Details

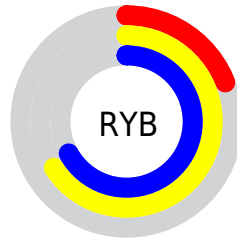
The Hex color **30AC33** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AC30A9**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **71E568**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **1FAC22**, and if you desaturate by 10%, it is **41AC44**.

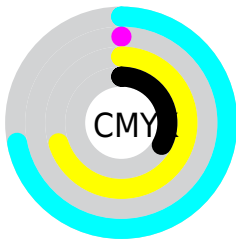
Distribution



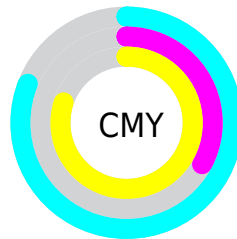
- Red (19%)
- Green (67%)
- Blue (20%)



- Red (19%)
- Yellow (66%)
- Blue (67%)



- Cyan (72%)
- Magenta (0%)
- Yellow (70%)
- Black (33%)



- Cyan (81%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30AC33 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 30AC33 by changing the saturation by 10% instead.

 30AC33

 30AC33

FFFFFF

 009115

 71E568

 007600

 8EFF83

 005C00

 ACFF9E

 004300

 C9FFBA

 002D00

 E7FFD6

 000D00

 FFFFF3

 000000

 30AC33

 30AC33

 1FAC22

 41AC44

 0EAC11

 52AC55

 00AC04

 64AC65

 75AC76

 86AC87

 97AC98

 A8ACA8

 BAACB9

 CBACCA

Harmonies

Analogous

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



8D9F00



30AC33



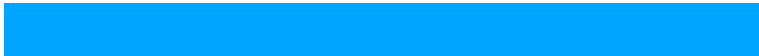
00B279

Triad

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



30AC33



00A5FF



FF4E6F

Complementary

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



30AC33



AC30A9

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.



FF50B3



30AC33



548FFF

Square

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



30AC33



00B1FA



CB6FF0



F66B30

Rectangle

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



30AC33



00B4A8



CB6FF0



FF4A86

Sweetspot

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



30AC33



AFE0B0



AAAC30



537054



F0F0F0



707070

Same Dimension

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



30AC33



1DE022



30AC70



4E574E



009604



001701

Inverse Universe

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



AC30A9



E01DDC



AC306C



574E56



960093



170016

Previews

White Background



This preview shows how the Hex color 30AC33 looks on a white background.

Color Contrast Check

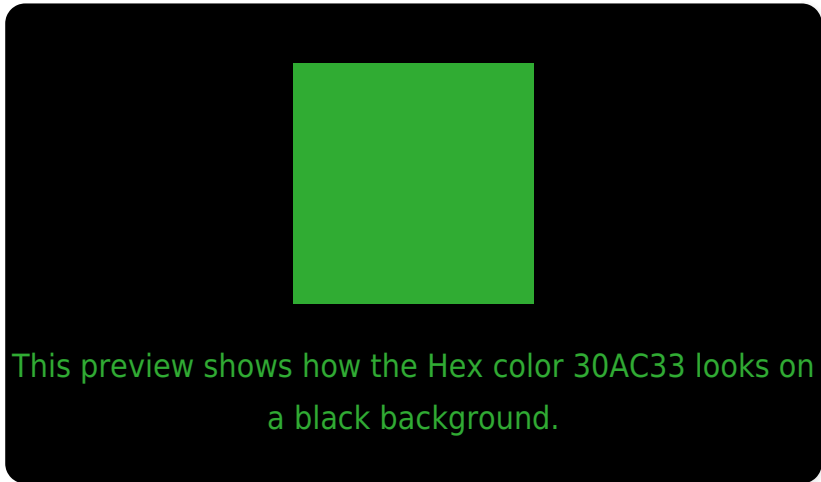
Large Text (above 18pt) WCAG AA × Fail

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 30AC33 Background



This preview shows how black text looks on a background with the Hex color 30AC33.

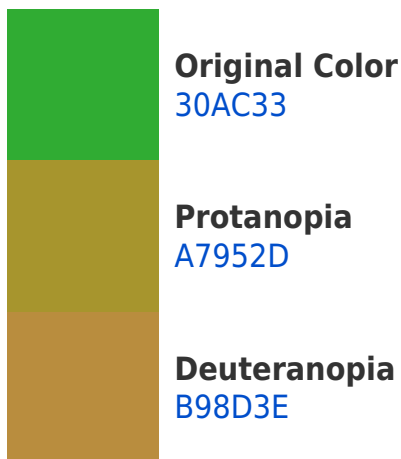


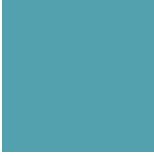
This preview shows how white text looks on a background with the Hex color 30AC33.

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
53A1AE

Trichromacy



Original Color
30AC33



Protanomaly
7C9D2F



Deuteranomaly
87983A



Tritanomaly
46A581

Monochromacy



Original Color
30AC33



Achromatopsia
797979



Achromatomaly
5E8C60

CSS Examples

Text

The CSS property to change the color of the text to Hex 30AC33 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 #30AC33 looks like.

```
.text, #text, p{  
    color:#30AC33  
}
```

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 #30AC33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30AC33
}
```

Border

The CSS property to change the border of an element to Hex 30AC33 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
#30AC33 }
```

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

```
.border{ border-color:#30AC33 }
```

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

Here you see how a box with a 4 pixel #30AC33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30AC33; -webkit-box-shadow:4px 4px  
4px 4px #30AC33; box-shadow:4px 4px 4px  
4px #30AC33 }
```

Background

The CSS property to change the background color of an element to Hex 30AC33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30AC33 }
```

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

```
.background{ background-color:#30AC33 }
```

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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