

Converting Colors

Hex(31AC35)

Have a look what the booklet for
Hex(31AC35) contains.

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Color

Hex(31AC35)

Conversions

Conversions Part 1

Format	Color
Hex	31AC35
RGB	49, 172, 53
RGB Percent	19%, 67%, 21%
CMY	0.8078, 0.3255, 0.7922
CMYK	0.72, 0.00, 0.69, 0.33
HSL	122°, 56%, 43%
HSV	122°, 72%, 67%
XYZ	16.6618, 30.4151, 8.3607
YIQ	121.6570, -35.1090, -63.0850

Conversions

Conversions Part 2

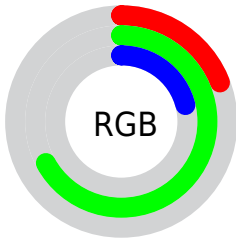
Format	Color
RYB	49, 168, 172
Decimal	3255349
CIELab	62.01, -56.42, 49.49
CIELCh	62, 75.053, 138.742
Yxy	30.4151, 0.3006, 0.5486
Android (android.graphics.Color)	4281445429 (0xFF31AC35)
YUV	121.6570, -33.8479, -63.7202
Hunter-Lab	55.1498, -42.5842, 29.6166

Details

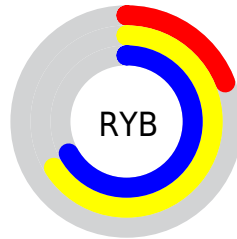
The Hex color **31AC35** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AC31A8**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **71E56A**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **20AC24**, and if you desaturate by 10%, it is **42AC46**.

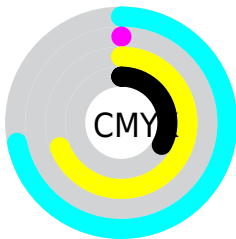
Distribution



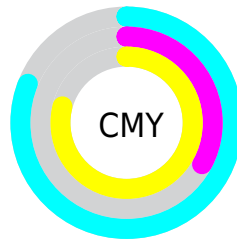
- Red (19%)
- Green (67%)
- Blue (21%)



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



- Cyan (72%)
- Magenta (0%)
- Yellow (69%)
- Black (33%)



- Cyan (81%)
- Magenta (33%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31AC35 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 31AC35 by changing the saturation by 10% instead.



31AC35



31AC35

FFFFFF



009118



71E56A



007600



8FFF84



005C00



ACFFA0



004300



CAFFBB



002D00



E8FFD8



000D00



FFFFF5



000000



31AC35



31AC35



20AC24



42AC46

0FAC14

53AC56

00AC06

65AC67

76AC78

87AC88

98AC99

A9ACA9

BBACBA

CCACCB

Harmonies

Analogous

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



8D9F00



31AC35



00B27A

Triad

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



31AC35



00A5FF



FF506F

Complementary

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



31AC35



AC31A8

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.



FF51B2



31AC35



578FFF

Square

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



31AC35



00B0F9



CC6FEF



F56C31

Rectangle

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



31AC35



00B4A8



CC6FEF



FF4C85

Sweetspot

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



31AC35



B1E0B3



AAAC31



547055



F0F0F0



707070

Same Dimension

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



31AC35



1FE026



31AC71



4E574E



009605



001701

Inverse Universe

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



AC31A8



E01FDA



AC316C



574E56



960092



170016

Previews

White Background



This preview shows how the Hex color 31AC35 looks on a white background.

Color Contrast Check

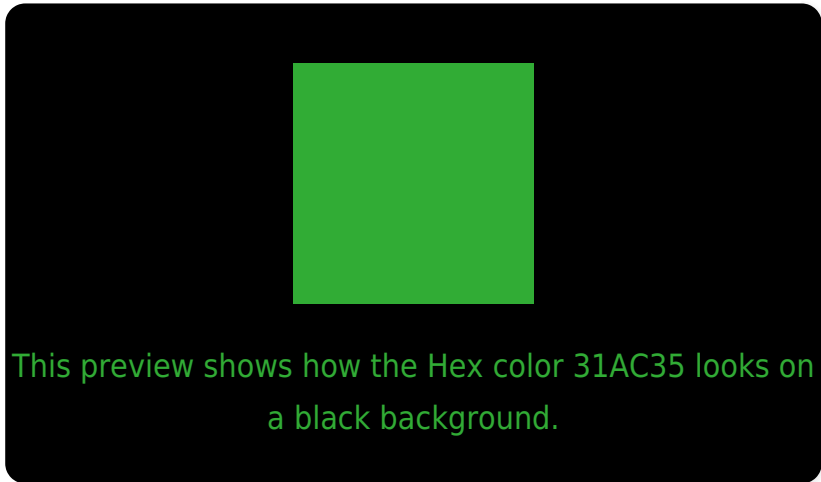
Large Text (above 18pt) WCAG AA × Fail

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

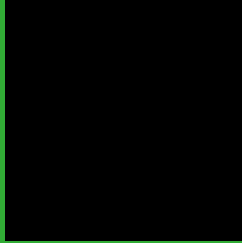
Any Text WCAG AA ✓ Pass

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 31AC35 Background



This preview shows how black text looks on a background with the Hex color 31AC35.

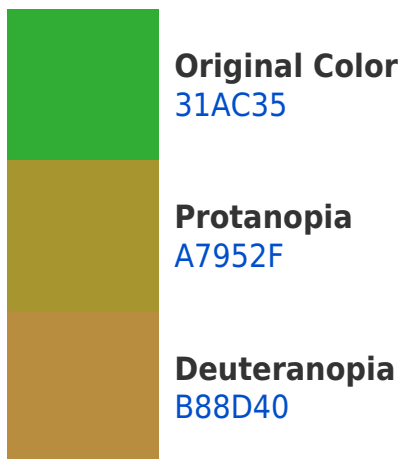


This preview shows how white text looks on a background with the Hex color 31AC35.

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
31AC35



Protanomaly
7C9D31



Deuteranomaly
87983C



Tritanomaly
47A582

Monochromacy



Original Color
31AC35



Achromatopsia
7A7A7A



Achromatomaly
5F8C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 31AC35 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 #31AC35 looks like.

```
.text, #text, p{  
    color:#31AC35  
}
```

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 #31AC35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31AC35
}
```

Border

The CSS property to change the border of an element to Hex 31AC35 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
#31AC35 }
```

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

```
.border{ border-color:#31AC35 }
```

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

Here you see how a box with a 4 pixel #31AC35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31AC35; -webkit-box-shadow:4px 4px  
4px 4px #31AC35; box-shadow:4px 4px 4px  
4px #31AC35 }
```

Background

The CSS property to change the background color of an element to Hex 31AC35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31AC35 }
```

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

```
.background{ background-color:#31AC35 }
```

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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