

Converting Colors

Hex(31AC06)

Have a look what the booklet for
Hex(31AC06) contains.

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Color

Hex(31AC06)

Conversions

Conversions Part 1

Format	Color
Hex	31AC06
RGB	49, 172, 6
RGB Percent	19%, 67%, 2%
CMY	0.8078, 0.3255, 0.9765
CMYK	0.72, 0.00, 0.97, 0.33
HSL	104°, 93%, 35%
HSV	104°, 97%, 67%
XYZ	16.0520, 30.1712, 5.1499
YIQ	116.2990, -20.0220, -77.7020

Conversions

Conversions Part 2

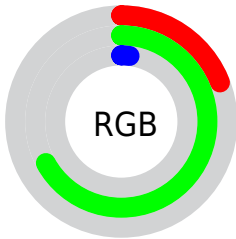
Format	Color
RYB	6, 172, 129
Decimal	3255302
CIELab	61.80, -58.98, 61.81
CIELCh	62, 85.434, 133.655
Yxy	30.1712, 0.3125, 0.5873
Android (android.graphics.Color)	4281445382 (0xFF31AC06)
YUV	116.2990, -54.3774, -59.0212
Hunter-Lab	54.9283, -43.9604, 32.8910

Details

The Hex color **31AC06** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8106AC**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **73E54C**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **2DAC00**, and if you desaturate by 10%, it is **3EAC17**.

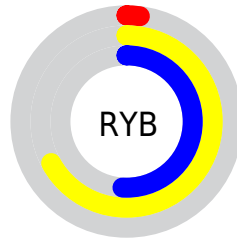
Distribution



Red (19%)

Green (67%)

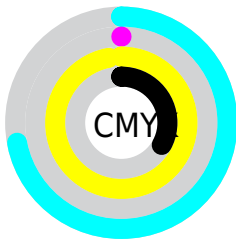
Blue (2%)



Red (2%)

Yellow (67%)

Blue (51%)

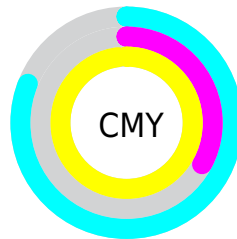


Cyan (72%)

Magenta (0%)

Yellow (97%)

Black (33%)



Cyan (81%)

Magenta (33%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31AC06 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 31AC06 by changing the saturation by 10% instead.

 31AC06

 31AC06


FFFFFF

 009100

 73E54C

 007600

 91FF68

 005C00

 AEFF84

 004300

 CCFFA0

 002D00

 EBFFBC


 000C00

 FFFFD9

 000000

 FFFFF6

 31AC06

 31AC06

■ 2DAC00

■ 3EAC17

■ 4AAC28

■ 57AC3A

■ 64AC4B

■ 71AC5C

■ 7DAC6D

■ 8AAC7E

■ 97AC90

■ A4ACA1

Harmonies

Analogous

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



959D00



31AC06



00B468

Triad

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



31AC06



00A AFF



FF3476

Complementary

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



31AC06



8106AC

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.



FF41C2



31AC06



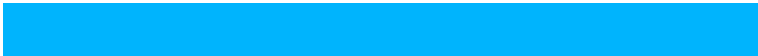
0093FF

Square

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



31AC06



00B4FD



C26EFF



FF5C2D

Rectangle

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



31AC06



00B69D



C26EFF



FF308F

Sweetspot

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



31AC06



B0E09F



AC8006



537049



F0F0F0



707070

Same Dimension

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



31AC06



3AE000



06AC2D



50574E



279600



061700

Inverse Universe

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



8106AC



A600E0



AC0685



544E57



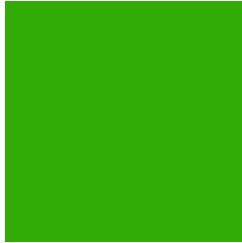
6F0096



110017

Previews

White Background



This preview shows how the Hex color 31AC06 looks on a white background.

Color Contrast Check

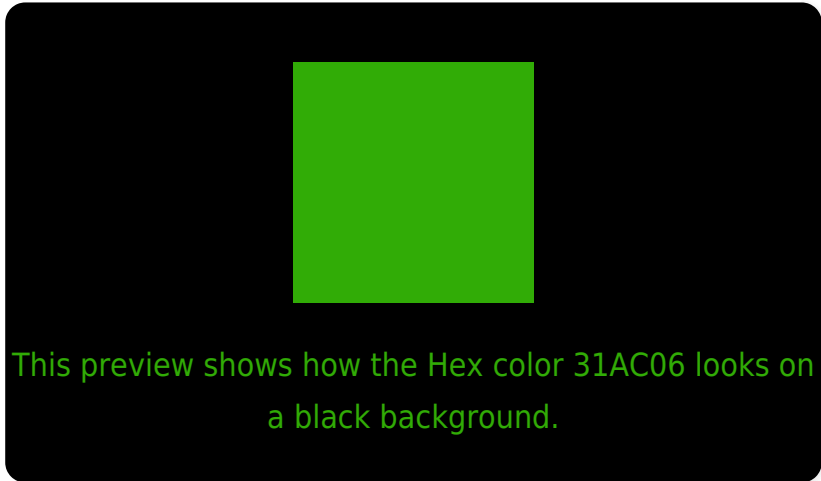
Large Text (above 18pt) WCAG AA × Fail

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 31AC06 Background



This preview shows how black text looks on a background with the Hex color 31AC06.

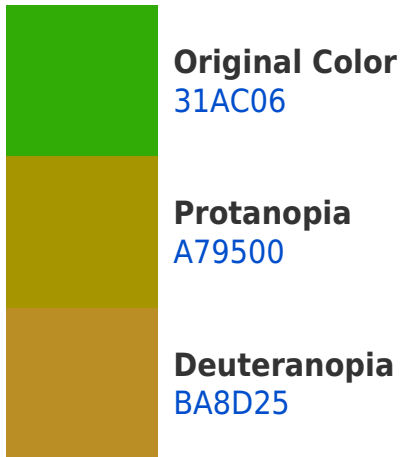


This preview shows how white text looks on a background with the Hex color 31AC06.

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
31AC06



Protanomaly
7C9D02



Deuteranomaly
88981A



Tritanomaly
48A470

Monochromacy



Original Color
31AC06



Achromatopsia
747474



Achromatomaly
5C884C

CSS Examples

Text

The CSS property to change the color of the text to Hex 31AC06 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 #31AC06 looks like.

```
.text, #text, p{  
    color:#31AC06  
}
```

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 #31AC06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31AC06
}
```

Border

The CSS property to change the border of an element to Hex 31AC06 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".

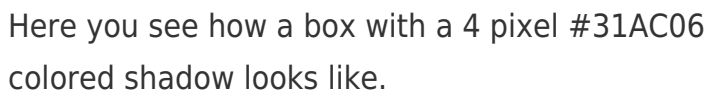
```
.border, #border, table{ border:4px solid
#31AC06 }
```

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

```
.border{ border-color:#31AC06 }
```

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

Here you see how a box with a 4 pixel #31AC06 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel wide, 4-pixel high, 4-pixel offset, green shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31AC06; -webkit-box-shadow:4px 4px  
4px 4px #31AC06; box-shadow:4px 4px 4px  
4px #31AC06 }
```

Background

The CSS property to change the background color of an element to Hex 31AC06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31AC06 }
```

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

```
.background{ background-color:#31AC06 }
```

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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