

Converting Colors

Hex(3AC830)

Have a look what the booklet for
Hex(3AC830) contains.

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Color

Hex(3AC830)

Conversions

Conversions Part 1

Format	Color
Hex	3AC830
RGB	58, 200, 48
RGB Percent	23%, 78%, 19%
CMY	0.7725, 0.2157, 0.8118
CMYK	0.71, 0.00, 0.76, 0.22
HSL	116°, 61%, 49%
HSV	116°, 76%, 78%
XYZ	22.9327, 42.4215, 9.7758
YIQ	140.2140, -35.8400, -77.3760

Conversions

Conversions Part 2

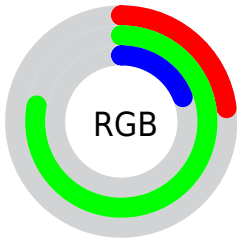
Format	Color
RYB	48, 200, 190
Decimal	3852336
CIELab	71.16, -64.42, 60.72
CIELCh	71, 88.526, 136.692
Yxy	42.4215, 0.3052, 0.5646
Android (android.graphics.Color)	4282042416 (0xFF3AC830)
YUV	140.2140, -45.4615, -72.1017
Hunter-Lab	65.1318, -51.1313, 36.6933

Details

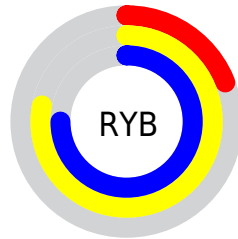
The Hex color **3AC830** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **BE30C8**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7DFF69**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **27C81C**, and if you desaturate by 10%, it is **4DC844**.

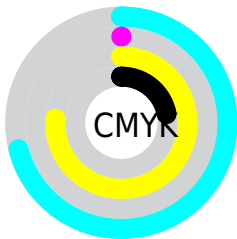
Distribution



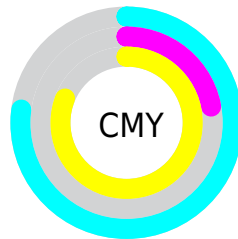
- Red (23%)
- Green (78%)
- Blue (19%)



- Red (19%)
- Yellow (78%)
- Blue (75%)



- Cyan (71%)
- Magenta (0%)
- Yellow (76%)
- Black (22%)



- Cyan (77%)
- Magenta (22%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AC830 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 3AC830 by changing the saturation by 10% instead.

 3AC830

 3AC830

FFFFFF

 00AC08

 7DFF69

 009000

 9CFF84

 007600

 BAFFA0

 005C00

 D9FFBC

 004300

 F7FFD9

 002B00

 FFFFF7

 000800

 000000

 3AC830

 3AC830

 27C81C

 4DC844

 15C808

 5FC858

 0DC800

 72C86C

 85C880

 97C894

 AAC8A8

 BDC8BC

 CFC8D0

 E2C8E4

Harmonies

Analogous

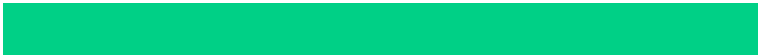
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7B800



3AC830



00D086

Triad

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



3AC830



00C2FF



FF5385

Complementary

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



3AC830



BE30C8

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.



FF58D6



3AC830



43A8FF

Square

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



3AC830



00CFFF



E981FF



FF7838

Rectangle

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



3AC830



00D2BF



E981FF



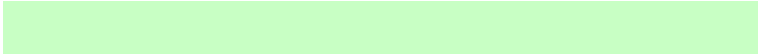
FF4EA0

Sweetspot

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



3AC830



C8FFC4



C8BE30



5E805C



000000



808080

Same Dimension

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



3AC830



26FF17



30C872



5A635A



0BA300



022400

Inverse Universe

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



BE30C8



F017FF



C83086



635A63



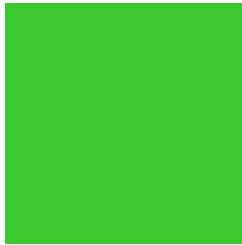
9800A3



210024

Previews

White Background



This preview shows how the Hex color 3AC830 looks on a white background.

Color Contrast Check

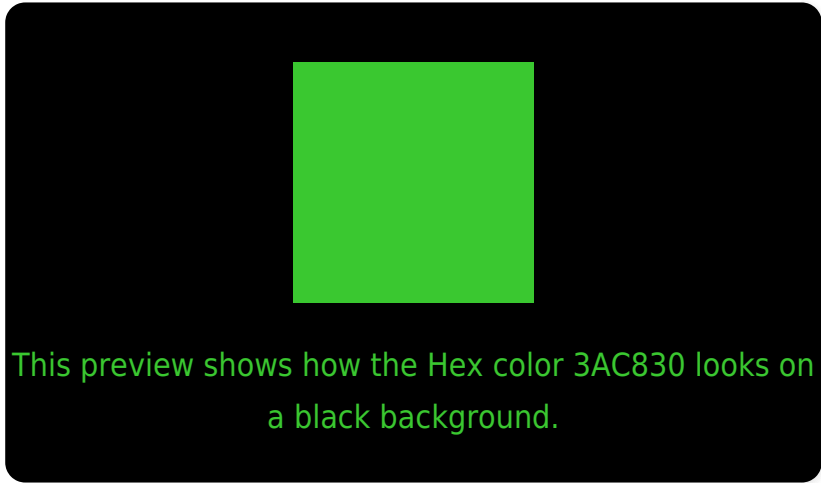
Large Text (above 18pt) WCAG AA × Fail

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 3AC830 Background



This preview shows how black text looks on a background with the Hex color 3AC830.

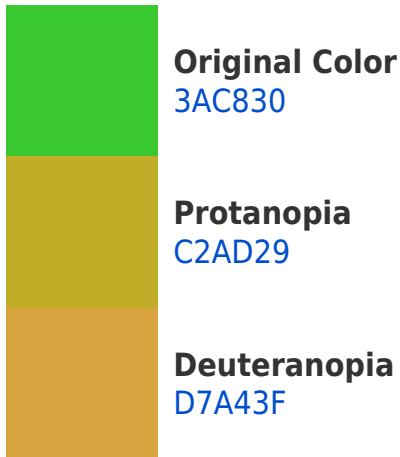


This preview shows how white text looks on a background with the Hex color 3AC830.

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
3AC830



Protanomaly
91B72C



Deuteranomaly
9EB13A



Tritanomaly
53BF92

Monochromacy



Original Color
3AC830



Achromatopsia
8C8C8C



Achromatomaly
6EA26B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AC830 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 #3AC830 looks like.

```
.text, #text, p{  
    color:#3AC830  
}
```

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 #3AC830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC830  
}
```

Border

The CSS property to change the border of an element to Hex 3AC830 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  
#3AC830 }
```

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

```
.border{ border-color:#3AC830 }
```

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

Here you see how a box with a 4 pixel #3AC830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC830; -webkit-box-shadow:4px 4px  
4px 4px #3AC830; box-shadow:4px 4px 4px  
4px #3AC830 }
```

Background

The CSS property to change the background color of an element to Hex 3AC830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC830 }
```

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

```
.background{ background-color:#3AC830 }
```

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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