

Converting Colors

Hex(3AC606)

Have a look what the booklet for
Hex(3AC606) contains.

Hex(3AC606)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3AC606)

Conversions

Conversions Part 1

Format	Color
Hex	3AC606
RGB	58, 198, 6
RGB Percent	23%, 78%, 2%
CMY	0.7725, 0.2235, 0.9765
CMYK	0.71, 0.00, 0.97, 0.22
HSL	104°, 94%, 40%
HSV	104°, 97%, 78%
XYZ	21.9719, 41.3009, 6.9861
YIQ	134.2520, -21.8080, -89.3920

Conversions

Conversions Part 2

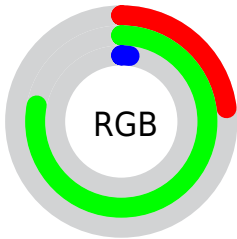
Format	Color
RYB	6, 198, 146
Decimal	3851782
CIELab	70.39, -65.49, 68.87
CIELCh	70, 95.040, 133.557
Yxy	41.3009, 0.3127, 0.5878
Android (android.graphics.Color)	4282041862 (0xFF3AC606)
YUV	134.2520, -63.2282, -66.8730
Hunter-Lab	64.2657, -51.4375, 38.5408

Details

The Hex color **3AC606** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9206C6**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7EFF52**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **36C600**, and if you desaturate by 10%, it is **48C61A**.

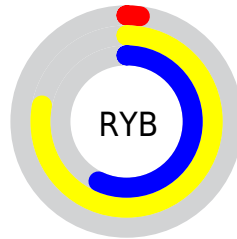
Distribution



Red (23%)

Green (78%)

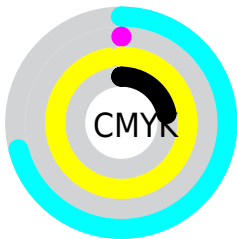
Blue (2%)



Red (2%)

Yellow (78%)

Blue (57%)

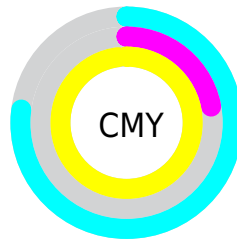


Cyan (71%)

Magenta (0%)

Yellow (97%)

Black (22%)



Cyan (77%)

Magenta (22%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AC606 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 3AC606 by changing the saturation by 10% instead.

 3AC606

 3AC606

FFFFFF

 00AA00

 7EFF52

 008F00

 9DFF6F

 007400

 BCFF8B

 005A00

 DAFFA8

 004100

 F9FFC5

 002900

 FFFFE2

 000300

 000000

 3AC606

 3AC606

■ 36C600

■ 48C61A

■ 57C62E

■ 65C641

■ 74C655

■ 82C669

■ 91C67D

■ 9FC691

■ AEC6A4

■ BCC6B8

Harmonies

Analogous

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



ACB500



3AC606



00CF78

Triad

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



3AC606



00C4FF



FF3D89

Complementary

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



3AC606



9206C6

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.



FF4CDF



3AC606



00AAFF

Square

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



3AC606



00CFFF



DE80FF



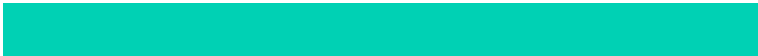
FF6A35

Rectangle

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



3AC606



00D1B4



DE80FF



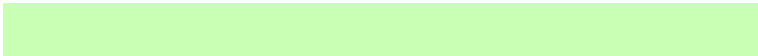
FF38A6

Sweetspot

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



3AC606



C9FFB5



C69006



5F8053



000000



808080

Same Dimension

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



3AC606



45FF00



06C630



5C635A



2CA300



0A2400

Inverse Universe

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



9206C6



BA00FF



C6069C



615A63



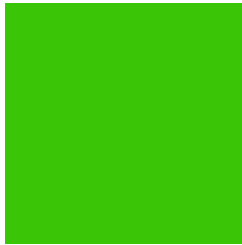
7700A3



1A0024

Previews

White Background



This preview shows how the Hex color 3AC606 looks on a white background.

Color Contrast Check

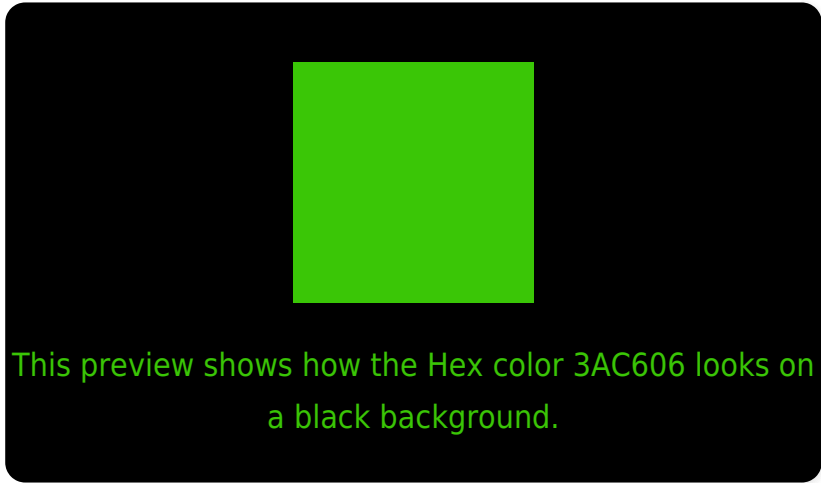
Large Text (above 18pt) WCAG AA × Fail

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

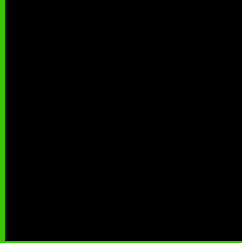
Any Text WCAG AA ✓ Pass

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 3AC606 Background



This preview shows how black text looks on a background with the Hex color 3AC606.

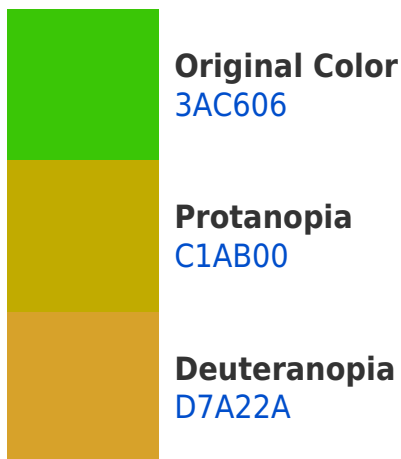


This preview shows how white text looks on a background with the Hex color 3AC606.

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
63B8C7

Trichromacy



Original Color
3AC606



Protanomaly
90B502



Deuteranomaly
9EAF1D



Tritanomaly
54BD81

Monochromacy



Original Color
3AC606



Achromatopsia
868686



Achromatomaly
6A9D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AC606 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 #3AC606 looks like.

```
.text, #text, p{  
    color:#3AC606  
}
```

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 #3AC606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC606
}
```

Border

The CSS property to change the border of an element to Hex 3AC606 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
#3AC606 }
```

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

```
.border{ border-color:#3AC606 }
```

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

Here you see how a box with a 4 pixel #3AC606 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC606; -webkit-box-shadow:4px 4px  
4px 4px #3AC606; box-shadow:4px 4px 4px  
4px #3AC606 }
```

Background

The CSS property to change the background color of an element to Hex 3AC606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC606 }
```

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

```
.background{ background-color:#3AC606 }
```

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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