

Converting Colors

Hex(3AC546)

Have a look what the booklet for
Hex(3AC546) contains.

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Color

Hex(3AC546)

Conversions

Conversions Part 1

Format	Color
Hex	3AC546
RGB	58, 197, 70
RGB Percent	23%, 77%, 27%
CMY	0.7725, 0.2275, 0.7255
CMYK	0.71, 0.00, 0.64, 0.23
HSL	125°, 55%, 50%
HSV	125°, 71%, 77%
XYZ	22.8167, 41.2742, 12.5585
YIQ	140.9610, -42.0770, -68.9650

Conversions

Conversions Part 2

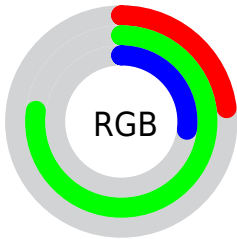
Format	Color
RYB	58, 186, 197
Decimal	3851590
CIELab	70.37, -61.53, 51.56
CIELCh	70, 80.271, 140.039
Yxy	41.2742, 0.2977, 0.5385
Android (android.graphics.Color)	4282041670 (0xFF3AC546)
YUV	140.9610, -34.9838, -72.7568
Hunter-Lab	64.2450, -49.0344, 33.3816

Details

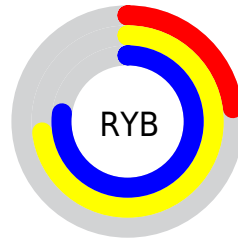
The Hex color **3AC546** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C53AB9**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7CFF7B**, and **008E08** is the 20% darker color. If you saturate the color by 10%, you get **26C534**, and if you desaturate by 10%, it is **4EC558**.

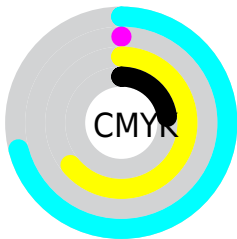
Distribution



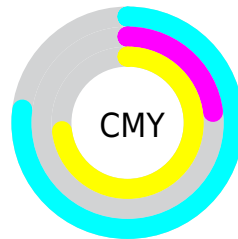
- Red (23%)
- Green (77%)
- Blue (27%)



- Red (23%)
- Yellow (73%)
- Blue (77%)



- Cyan (71%)
- Magenta (0%)
- Yellow (64%)
- Black (23%)



- Cyan (77%)
- Magenta (23%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AC546 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 3AC546 by changing the saturation by 10% instead.

 3AC546

 3AC546

FFFFFF

 00A92B

 7CFF7B

 008E08

 9AFF96

 007300

 B8FFB2

 005900

 D6FFCE

 004000

 F5FFE8

 002900

 000300

 000000

 3AC546

 3AC546

 26C534

 4EC558

 13C522

 61C56A

 00C511

 75C57C

 89C58E

 9DC5A0

 B0C5B2

 C4C5C4

 D8C5D6

 EBC5E8

Harmonies

Analogous

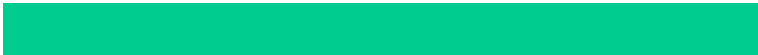
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FB700



3AC546



00CC90

Triad

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



3AC546



00BCFF



FF627F

Complementary

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



3AC546



C53AB9

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.



FF62C8



3AC546



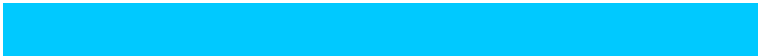
74A3FF

Square

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



3AC546



00C9FF



EB81FF



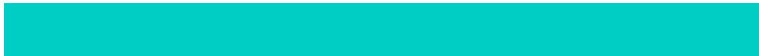
FF803B

Rectangle

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



3AC546



00CDC3



EB81FF



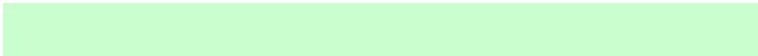
FF5E97

Sweetspot

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



3AC546



C9FFCE



B9C53A



608062



000000



808080

Same Dimension

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



3AC546



26FF39



3AC58B



5A635A



00A30E



002403

Inverse Universe

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



C53AB9



FF26EC



C53A74



635A63



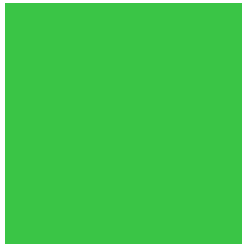
A30095



240021

Previews

White Background



This preview shows how the Hex color 3AC546 looks on a white background.

Color Contrast Check

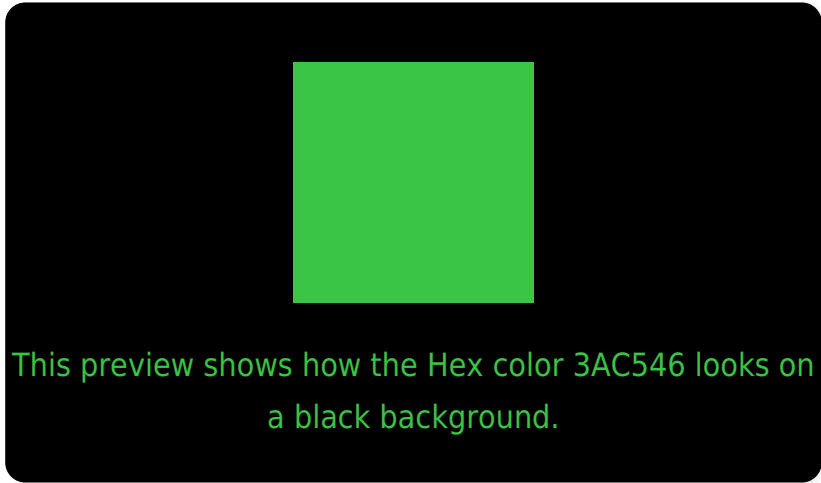
Large Text (above 18pt) WCAG AA × Fail

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

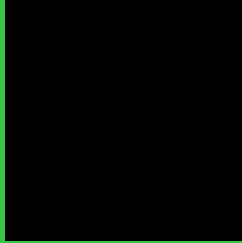
Any Text WCAG AA ✓ Pass

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 3AC546 Background



This preview shows how black text looks on a background with the Hex color 3AC546.

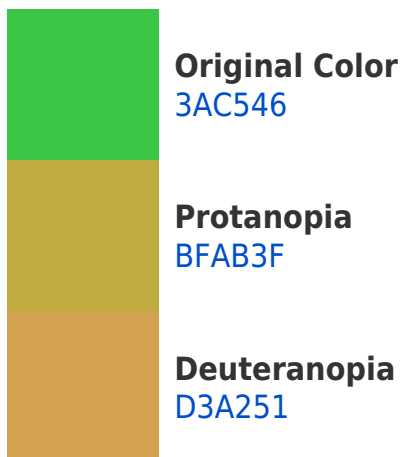


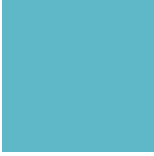
This preview shows how white text looks on a background with the Hex color 3AC546.

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
5FB8C7

Trichromacy



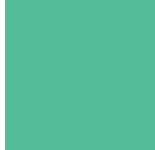
Original Color
3AC546



Protanomaly
8FB442



Deuteranomaly
9BAF4D



Tritanomaly
52BD98

Monochromacy



Original Color
3AC546



Achromatopsia
8D8D8D



Achromatomaly
6FA173

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AC546 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 #3AC546 looks like.

```
.text, #text, p{  
    color:#3AC546  
}
```

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 #3AC546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC546
}
```

Border

The CSS property to change the border of an element to Hex 3AC546 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
#3AC546 }
```

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

```
.border{ border-color:#3AC546 }
```

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

Here you see how a box with a 4 pixel #3AC546 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC546; -webkit-box-shadow:4px 4px  
4px 4px #3AC546; box-shadow:4px 4px 4px  
4px #3AC546 }
```

Background

The CSS property to change the background color of an element to Hex 3AC546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC546 }
```

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

```
.background{ background-color:#3AC546 }
```

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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