

Converting Colors

Hex(3AC153)

Have a look what the booklet for
Hex(3AC153) contains.

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Color

Hex(3AC153)

Conversions

Conversions Part 1

Format	Color
Hex	3AC153
RGB	58, 193, 83
RGB Percent	23%, 76%, 33%
CMY	0.7725, 0.2431, 0.6745
CMYK	0.70, 0.00, 0.57, 0.24
HSL	131°, 54%, 49%
HSV	131°, 70%, 76%
XYZ	22.3762, 39.6640, 14.6602
YIQ	140.0950, -45.1500, -62.8300

Conversions

Conversions Part 2

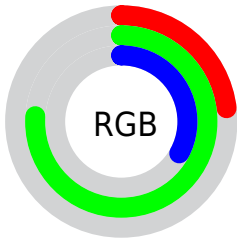
Format	Color
RYB	58, 172, 193
Decimal	3850579
CIELab	69.23, -58.63, 44.44
CIELCh	69, 73.572, 142.841
Yxy	39.6640, 0.2917, 0.5171
Android (android.graphics.Color)	4282040659 (0xFF3AC153)
YUV	140.0950, -28.1478, -71.9973
Hunter-Lab	62.9794, -46.7938, 30.2842

Details

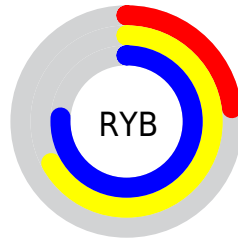
The Hex color **3AC153** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C13AA8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7AFB87**, and **008A1F** is the 20% darker color. If you saturate the color by 10%, you get **27C143**, and if you desaturate by 10%, it is **4DC163**.

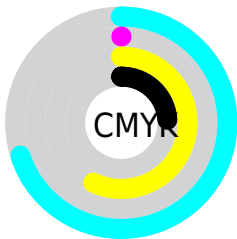
Distribution



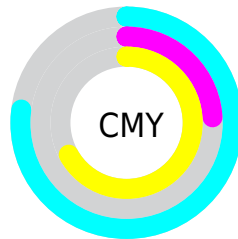
- Red (23%)
- Green (76%)
- Blue (33%)



- Red (23%)
- Yellow (67%)
- Blue (76%)



- Cyan (70%)
- Magenta (0%)
- Yellow (57%)
- Black (24%)



- Cyan (77%)
- Magenta (24%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AC153 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 3AC153 by changing the saturation by 10% instead.

 3AC153

 3AC153

FFFFFF

 02A539

 7AFB87

 008A1F

 98FFA2

 007000

 B6FFBE

 005600

 D4FFDA

 003D00

 F2FFF7

 002600

 000000

 3AC153

 3AC153

 27C143

 4DC163

 13C134

 61C172

 00C124

 74C182

 87C192

 9BC1A2

 AEC1B1

 C1C1C1

 D4C1D1

 E8C1E1

Harmonies

Analogous

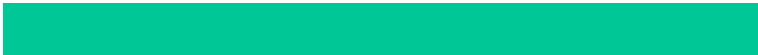
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98B514



3AC153



00C796

Triad

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



3AC153



00B6FF



FF6B79

Complementary

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



3AC153



C13AA8

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.



FF67BC



3AC153



889EFF

Square

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



3AC153



00C3FF



EA80FB



FF853E

Rectangle

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



3AC153



00C8C5



EA80FB



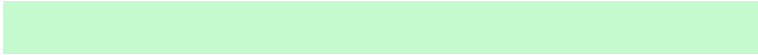
FF668F

Sweetspot

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



3AC153



C5FACF



A8C13A



5E7D63



FCFCFC



7D7D7D

Same Dimension

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



3AC153



28FA4F



3AC196



576159



00A11E



002106

Inverse Universe

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



C13AA8



FA28D3



C13A65



61575F



A10083



21001B

Previews

White Background



This preview shows how the Hex color 3AC153 looks on a white background.

Color Contrast Check

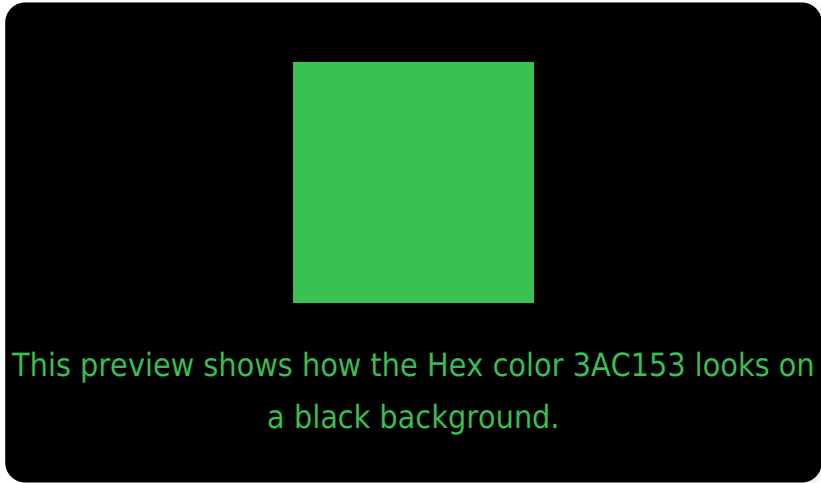
Large Text (above 18pt) WCAG AA × Fail

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

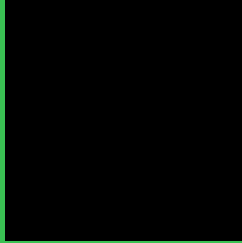
Any Text WCAG AA ✓ Pass

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 3AC153 Background



This preview shows how black text looks on a background with the Hex color 3AC153.

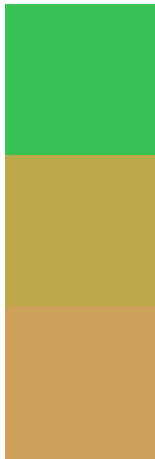


This preview shows how white text looks on a background with the Hex color 3AC153.

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](#).

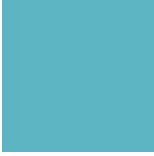
Dichromacy



Original Color
3AC153

Protanopia
BAA84B

Deuteranopia
CDA05C



Tritanopia
5DB5C4

Trichromacy



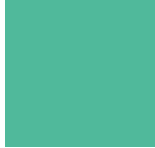
Original Color
3AC153



Protanomaly
8BB14E



Deuteranomaly
98AC59



Tritanomaly
50B99B

Monochromacy



Original Color
3AC153



Achromatopsia
8C8C8C



Achromatomaly
6E9F77

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AC153 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 #3AC153 looks like.

```
.text, #text, p{  
    color:#3AC153  
}
```

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 #3AC153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC153
}
```

Border

The CSS property to change the border of an element to Hex 3AC153 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
#3AC153 }
```

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

```
.border{ border-color:#3AC153 }
```

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

Here you see how a box with a 4 pixel #3AC153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC153; -webkit-box-shadow:4px 4px  
4px 4px #3AC153; box-shadow:4px 4px 4px  
4px #3AC153 }
```

Background

The CSS property to change the background color of an element to Hex 3AC153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC153 }
```

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

```
.background{ background-color:#3AC153 }
```

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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