

Converting Colors

Hex(31AC5E)

Have a look what the booklet for
Hex(31AC5E) contains.

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Color

Hex(31AC5E)

Conversions

Conversions Part 1

Format	Color
Hex	31AC5E
RGB	49, 172, 94
RGB Percent	19%, 67%, 37%
CMY	0.8078, 0.3255, 0.6314
CMYK	0.72, 0.00, 0.45, 0.33
HSL	142°, 56%, 43%
HSV	142°, 72%, 67%
XYZ	18.0395, 30.9662, 15.6160
YIQ	126.3310, -48.2700, -50.3340

Conversions

Conversions Part 2

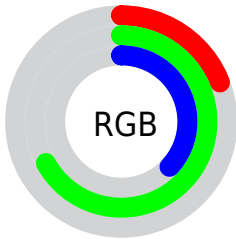
Format	Color
RYB	49, 139, 172
Decimal	3255390
CIELab	62.48, -50.93, 30.62
CIELCh	62, 59.426, 148.985
Yxy	30.9662, 0.2792, 0.4792
Android (android.graphics.Color)	4281445470 (0xFF31AC5E)
YUV	126.3310, -15.9392, -67.8193
Hunter-Lab	55.6473, -39.5172, 22.3149

Details

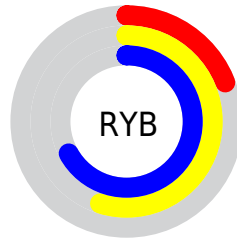
The Hex color **31AC5E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AC317F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **70E491**, and **00762E** is the 20% darker color. If you saturate the color by 10%, you get **20AC53**, and if you desaturate by 10%, it is **42AC69**.

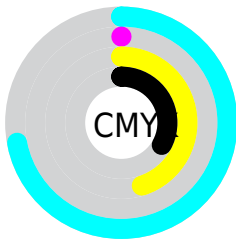
Distribution



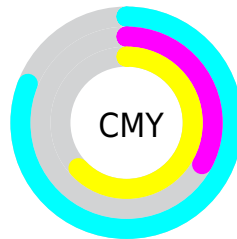
- Red (19%)
- Green (67%)
- Blue (37%)



- Red (19%)
- Yellow (55%)
- Blue (67%)



- Cyan (72%)
- Magenta (0%)
- Yellow (45%)
- Black (33%)



- Cyan (81%)
- Magenta (33%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31AC5E 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 31AC5E by changing the saturation by 10% instead.

 31AC5E

 31AC5E

FFFFFF

 009146

 70E491

 00762E

 8DFFAC

 005D16

 AAFFC8

 004400

 C7FFE4

 002E00

 E5FFFF

 001000

 000000

 31AC5E

 31AC5E

 20AC53

 42AC69

 0FAC48

 53AC74

 00AC3F

 65AC7F

 76AC8A

 87AC95

 98AC9F

 A9ACAA

 BBACB5

 CCACC0

Harmonies

Analogous

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



80A333



31AC5E



00B094

Triad

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



31AC5E



009EFF



F46C67

Complementary

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



31AC5E



AC317F

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.



F4669B



31AC5E



948AF4

Square

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



31AC5E



00AAF1



D573CE



DD803C

Rectangle

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



31AC5E



00B0B8



D573CE



F76878

Sweetspot

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



31AC5E



B1E0C3



81AC31



54705E



F0F0F0



707070

Same Dimension

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



31AC5E



1FE066



31AC9A



4E5751



009637



001708

Inverse Universe

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



AC317F



E01F9A



AC3143



574E54



96005F



17000F

Previews

White Background



This preview shows how the Hex color 31AC5E looks on a white background.

Color Contrast Check

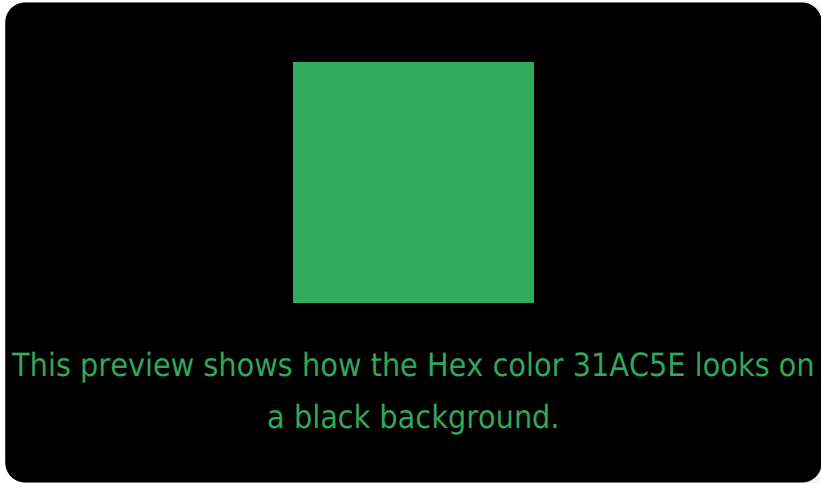
Large Text (above 18pt) WCAG AA × Fail

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

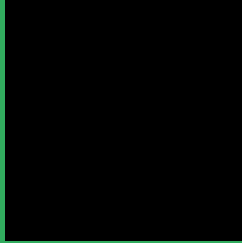
Any Text WCAG AA ✓ Pass

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 31AC5E Background



This preview shows how black text looks on a background with the Hex color 31AC5E.



This preview shows how white text looks on a background with the Hex color 31AC5E.

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](#).

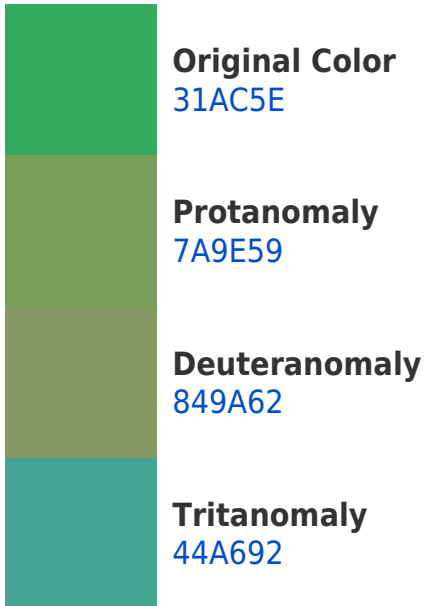
Dichromacy





Tritanopia
4FA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31AC5E 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 #31AC5E looks like.

```
.text, #text, p{  
    color:#31AC5E  
}
```

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 #31AC5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31AC5E
}
```

Border

The CSS property to change the border of an element to Hex 31AC5E 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
#31AC5E }
```

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

```
.border{ border-color:#31AC5E }
```

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

Here you see how a box with a 4 pixel #31AC5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31AC5E; -webkit-box-shadow:4px 4px  
4px 4px #31AC5E; box-shadow:4px 4px 4px  
4px #31AC5E }
```

Background

The CSS property to change the background color of an element to Hex 31AC5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31AC5E }
```

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

```
.background{ background-color:#31AC5E }
```

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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