

Converting Colors

Hex(31A541)

Have a look what the booklet for
Hex(31A541) contains.

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Color

Hex(31A541)

Conversions

Conversions Part 1

Format	Color
Hex	31A541
RGB	49, 165, 65
RGB Percent	19%, 65%, 25%
CMY	0.8078, 0.3529, 0.7451
CMYK	0.70, 0.00, 0.61, 0.35
HSL	128°, 54%, 42%
HSV	128°, 70%, 65%
XYZ	15.6759, 27.9449, 9.5687
YIQ	118.9160, -37.0360, -55.6920

Conversions

Conversions Part 2

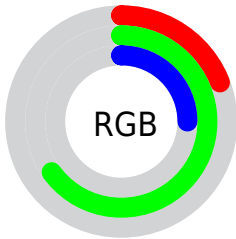
Format	Color
R_{YB}	49, 151, 165
Decimal	3253569
CIE _{Lab}	59.84, -52.69, 41.84
CIE _{LCh}	60, 67.281, 141.550
Yxy	27.9449, 0.2947, 0.5254
Android (android.graphics.Color)	4281443649 (0xFF31A541)
YUV	118.9160, -26.5806, -61.3163
Hunter-Lab	52.8629, -39.5780, 26.2720

Details

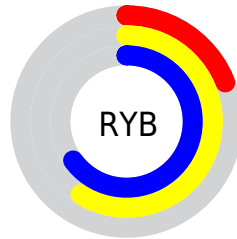
The Hex color **31A541** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A53195**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6FDD74**, and **00700B** is the 20% darker color. If you saturate the color by 10%, you get **20A533**, and if you desaturate by 10%, it is **41A54F**.

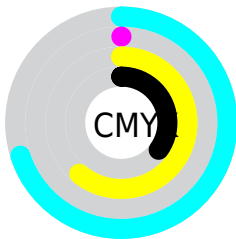
Distribution



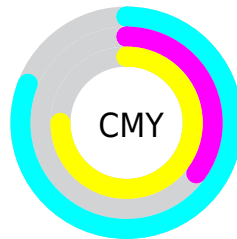
- Red (19%)
- Green (65%)
- Blue (25%)



- Red (19%)
- Yellow (59%)
- Blue (65%)



- Cyan (70%)
- Magenta (0%)
- Yellow (61%)
- Black (35%)



- Cyan (81%)
- Magenta (35%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A541 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 31A541 by changing the saturation by 10% instead.

 31A541

 31A541

FFFFFF

 008A28

 6FDD74

 00700B

 8CFA8F

 005600

 A9FFAA

 003E00

 C6FFC6

 002700

 E4FFE2

 000000

 31A541

 31A541

 20A533

 41A54F

 10A525

 52A55D

00A517

62A56C

73A57A

83A588

94A596

A4A5A5

B5A5B3

C5A5C1

Harmonies

Analogous

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



839A01



31A541



00AA7D

Triad

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



31A541



009CFF



F95768

Complementary

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



31A541



A53195

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.



F155A4



31A541



6C88FF

Square

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



31A541



00A7EC



C76CDB



E46F33

Rectangle

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



31A541



00ACA6



C76CDB



FA537C

Sweetspot

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



31A541



A9D6AF



96A531



506B54



EBEBEB



6B6B6B

Same Dimension

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



31A541



22D63B



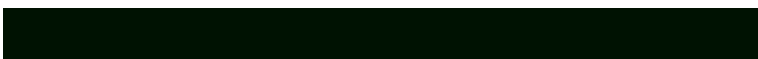
31A57A



49524B



009114



001202

Inverse Universe

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



A53195



D622BD



A5315C



524950



91007D



12000F

Previews

White Background



This preview shows how the Hex color 31A541 looks on a white background.

Color Contrast Check

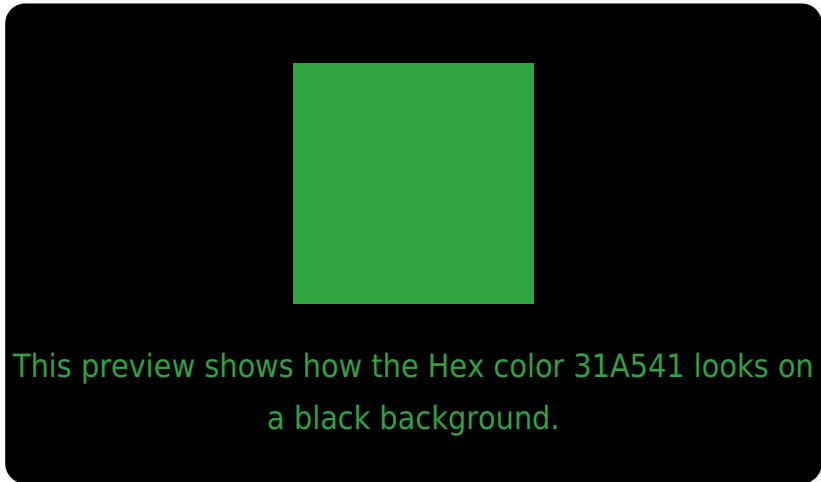
Large Text (above 18pt) WCAG AA ✓ Pass

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

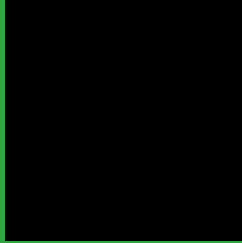
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 31A541 Background



This preview shows how black text looks on a background with the Hex color 31A541.

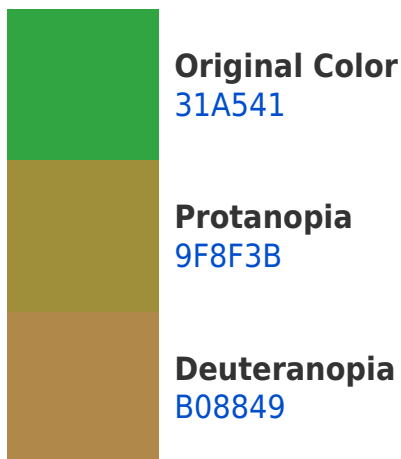


This preview shows how white text looks on a background with the Hex color 31A541.

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](#).

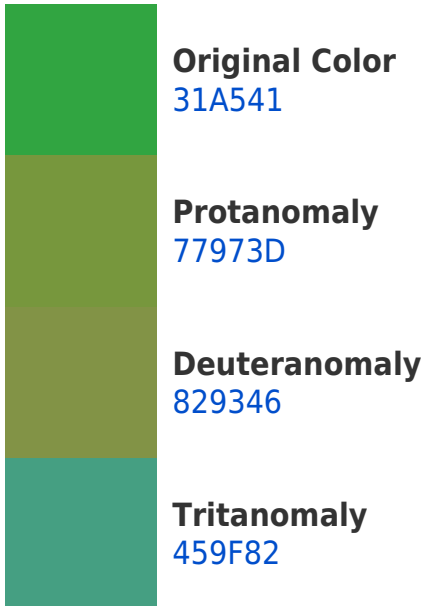
Dichromacy





Tritanopia
509BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A541 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 #31A541 looks like.

```
.text, #text, p{  
    color:#31A541  
}
```

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 #31A541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A541
}
```

Border

The CSS property to change the border of an element to Hex 31A541 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
#31A541 }
```

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

```
.border{ border-color:#31A541 }
```

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

Here you see how a box with a 4 pixel #31A541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A541; -webkit-box-shadow:4px 4px  
4px 4px #31A541; box-shadow:4px 4px 4px  
4px #31A541 }
```

Background

The CSS property to change the background color of an element to Hex 31A541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A541 }
```

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

```
.background{ background-color:#31A541 }
```

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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