

Converting Colors

Hex(28AA31)

Have a look what the booklet for
Hex(28AA31) contains.

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Color

Hex(28AA31)

Conversions

Conversions Part 1

Format	Color
Hex	28AA31
RGB	40, 170, 49
RGB Percent	16%, 67%, 19%
CMY	0.8431, 0.3333, 0.8078
CMYK	0.76, 0.00, 0.71, 0.33
HSL	124°, 62%, 41%
HSV	124°, 76%, 67%
XYZ	15.8042, 29.4223, 7.7518
YIQ	117.3360, -38.6390, -65.1910

Conversions

Conversions Part 2

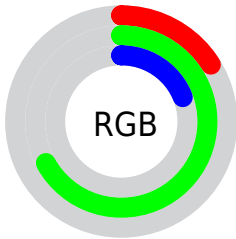
Format	Color
RYB	40, 162, 170
Decimal	2665009
CIELab	61.15, -57.61, 50.13
CIELCh	61, 76.365, 138.970
Yxy	29.4223, 0.2983, 0.5554
Android (android.graphics.Color)	4280855089 (0xFF28AA31)
YUV	117.3360, -33.6896, -67.8237
Hunter-Lab	54.2423, -42.9159, 29.4964

Details

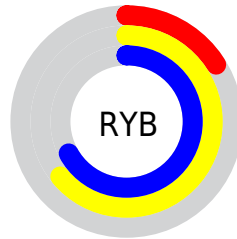
The Hex color **28AA31** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA28A1**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6BE266**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **17AA21**, and if you desaturate by 10%, it is **39AA41**.

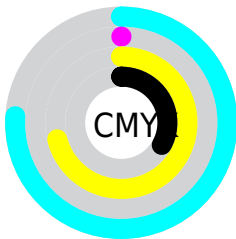
Distribution



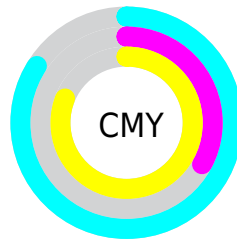
- Red (16%)
- Green (67%)
- Blue (19%)



- Red (16%)
- Yellow (64%)
- Blue (67%)



- Cyan (76%)
- Magenta (0%)
- Yellow (71%)
- Black (33%)



- Cyan (84%)
- Magenta (33%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28AA31 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 28AA31 by changing the saturation by 10% instead.

 28AA31

 28AA31

FFFFFF

 008F13

 6BE266

 007400

 89FF81

 005A00

 A7FF9C

 004200

 C4FFB8

 002B00

 E2FFD4

 000800

 FFFFF1

 000000

 28AA31

 28AA31

 17AA21

 39AA41

■ 06AA11

■ 4AAA51

■ 00AA0C

■ 5BAA60

■ 6CAA70

■ 7DAA80

■ 8EAA90

■ 9FAAA0

■ B0AAB0

■ C1AABF

Harmonies

Analogous

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



899D00



28AA31



00B077

Triad

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



28AA31



00A3FF



FF4B6C

Complementary

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



28AA31



AA28A1

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.



FF4CB0



28AA31



538DFF

Square

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



28AA31



00AEF9



CB6CED



F3692C

Rectangle

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



28AA31



00B2A7



CB6CED



FF4682

Sweetspot

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



28AA31



ABDEAE



A1AA28



517053



F0F0F0



707070

Same Dimension

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



28AA31



12DE20



28AA72



4C544C



00940A



001401

Inverse Universe

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



AA28A1



DE12D0



AA2860



544C54



94008A



140013

Previews

White Background



This preview shows how the Hex color 28AA31 looks on a white background.

Color Contrast Check

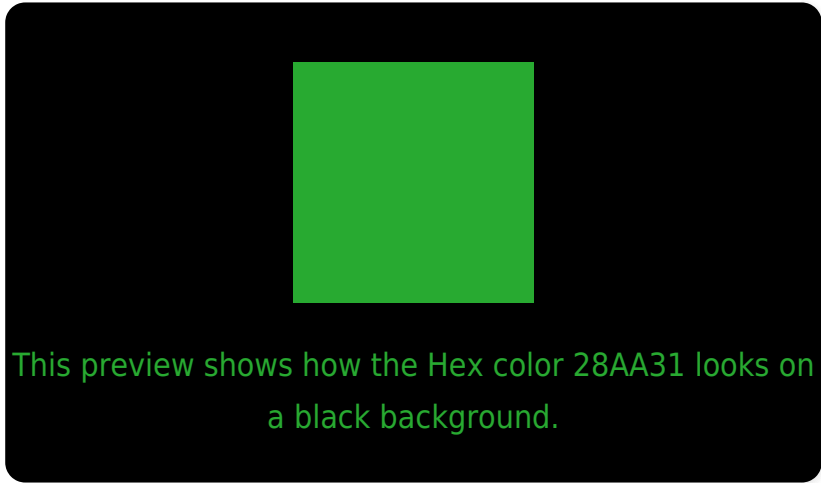
Large Text (above 18pt) WCAG AA ✓ Pass

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 28AA31 Background



This preview shows how black text looks on a background with the Hex color 28AA31.

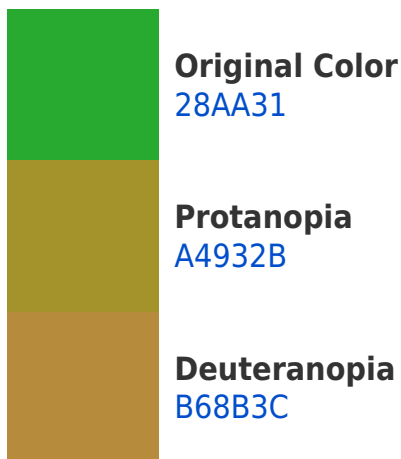


This preview shows how white text looks on a background with the Hex color 28AA31.

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](#).

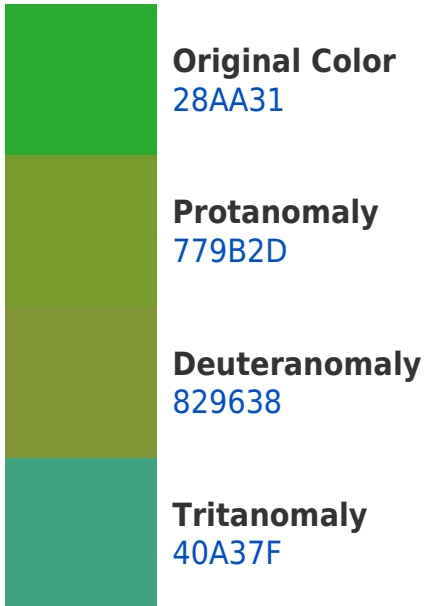
Dichromacy





Tritanopia
4E9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28AA31 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 #28AA31 looks like.

```
.text, #text, p{  
    color:#28AA31  
}
```

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 #28AA31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28AA31
}
```

Border

The CSS property to change the border of an element to Hex 28AA31 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
#28AA31 }
```

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

```
.border{ border-color:#28AA31 }
```

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

Here you see how a box with a 4 pixel #28AA31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28AA31; -webkit-box-shadow:4px 4px  
4px 4px #28AA31; box-shadow:4px 4px 4px  
4px #28AA31 }
```

Background

The CSS property to change the background color of an element to Hex 28AA31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28AA31 }
```

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

```
.background{ background-color:#28AA31 }
```

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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