

Converting Colors

Hex(28A300)

Have a look what the booklet for
Hex(28A300) contains.

Hex(28A300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(28A300)

Conversions

Conversions Part 1

Format	Color
Hex	28A300
RGB	40, 163, 0
RGB Percent	16%, 64%, 0%
CMY	0.8431, 0.3608, 1.0000
CMYK	0.75, 0.00, 1.00, 0.36
HSL	105°, 100%, 32%
HSV	105°, 100%, 64%
XYZ	13.9723, 26.6455, 4.4067
YIQ	107.6410, -20.9850, -76.7690

Conversions

Conversions Part 2

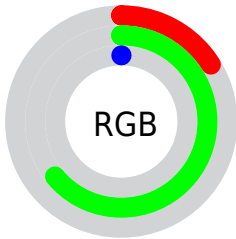
Format	Color
RYB	0, 163, 123
Decimal	2663168
CIELab	58.64, -57.86, 60.03
CIELCh	59, 83.376, 133.945
Yxy	26.6455, 0.3103, 0.5918
Android (android.graphics.Color)	4280853248 (0xFF28A300)
YUV	107.6410, -53.0670, -59.3212
Hunter-Lab	51.6193, -42.0175, 31.0720

Details

The Hex color **28A300** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7B00A3**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6BDB48**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **28A300**, and if you desaturate by 10%, it is **34A310**.

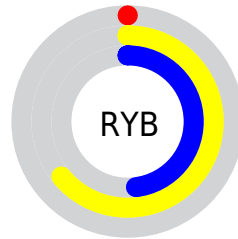
Distribution



Red (16%)

Green (64%)

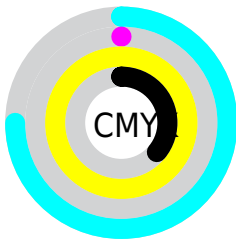
Blue (0%)



Red (0%)

Yellow (64%)

Blue (48%)

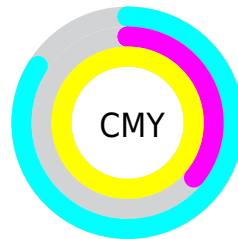


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (84%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A300 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 28A300 by changing the saturation by 10% instead.

 28A300

 28A300

FFFFFF

 008800

 6BDB48

 006E00

 89F864

 005400

 A7FF7F

 003C00

 C5FF9B

 002400

 E3FFB7

 000000

 FFFFD4

 FFFFF1

 28A300

 34A310

 41A321

 4DA331

 59A341

 65A352

 72A362

 7EA372

 8AA382

 97A393

Harmonies

Analogous

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



8B9400



28A300



00AA62

Triad

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



28A300



00A1FF



FF2D6F

Complementary

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



28A300



7B00A3

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.



FA39B7



28A300



008BFF

Square

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



28A300



00AAF2



B867F8



F85527

Rectangle

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



28A300



00AC95



B867F8



FF2887

Sweetspot

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



28A300



A4D494



A37A00



4E6B45



EBEBEB



6B6B6B

Same Dimension

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



28A300



34D400



00A329



4B5249



249100



041200

Inverse Universe

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



7B00A3



A000D4



A3007A



504952



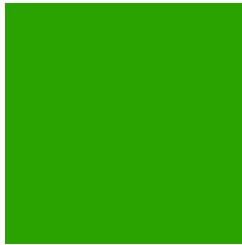
6E0091



0D0012

Previews

White Background



This preview shows how the Hex color 28A300 looks on a white background.

Color Contrast Check

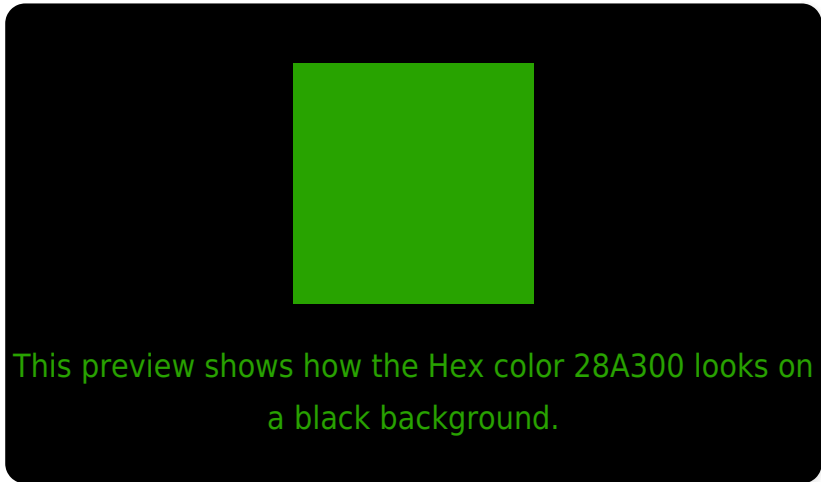
Large Text (above 18pt) WCAG AA ✓ Pass

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

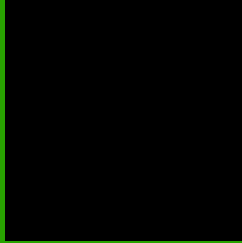
Any Text WCAG AA ✓ Pass

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 28A300 Background



This preview shows how black text looks on a background with the Hex color 28A300.

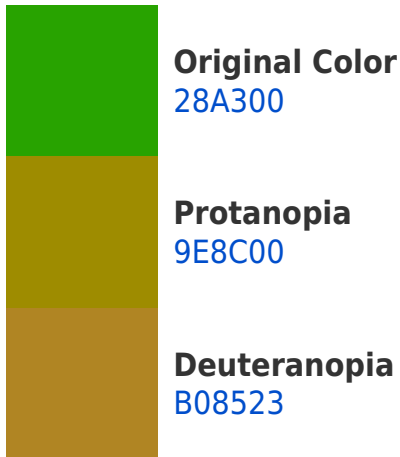


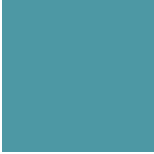
This preview shows how white text looks on a background with the Hex color 28A300.

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
4D98A4

Trichromacy



Original Color
28A300



Protanomaly
739400



Deuteranomaly
7F9016



Tritanomaly
409C68

Monochromacy



Original Color
28A300



Achromatopsia
6C6C6C



Achromatomaly
538045

CSS Examples

Text

The CSS property to change the color of the text to Hex 28A300 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 #28A300 looks like.

```
.text, #text, p{  
    color:#28A300  
}
```

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 #28A300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A300  
}
```

Border

The CSS property to change the border of an element to Hex 28A300 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  
#28A300 }
```

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

```
.border{ border-color:#28A300 }
```

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

Here you see how a box with a 4 pixel #28A300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A300; -webkit-box-shadow:4px 4px  
4px 4px #28A300; box-shadow:4px 4px 4px  
4px #28A300 }
```

Background

The CSS property to change the background color of an element to Hex 28A300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A300 }
```

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

```
.background{ background-color:#28A300 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor