

Converting Colors

Hex(28C700)

Have a look what the booklet for
Hex(28C700) contains.

Hex(28C700)	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(28C700)

Conversions

Conversions Part 1

Format	Color
Hex	28C700
RGB	40, 199, 0
RGB Percent	16%, 78%, 0%
CMY	0.8431, 0.2196, 1.0000
CMYK	0.80, 0.00, 1.00, 0.22
HSL	108°, 100%, 39%
HSV	108°, 100%, 78%
XYZ	21.2985, 41.2980, 6.8488
YIQ	128.7730, -30.8850, -95.5970

Conversions

Conversions Part 2

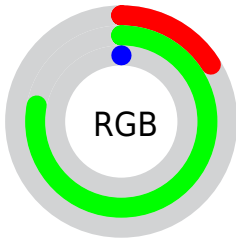
Format	Color
RYB	0, 199, 159
Decimal	2672384
CIELab	70.38, -68.65, 69.40
CIELCh	70, 97.616, 134.689
Yxy	41.2980, 0.3067, 0.5947
Android (android.graphics.Color)	4280862464 (0xFF28C700)
YUV	128.7730, -63.4851, -77.8539
Hunter-Lab	64.2635, -53.3018, 38.6657

Details

The Hex color **28C700** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9F00C7**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **74FF50**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **28C700**, and if you desaturate by 10%, it is **38C714**.

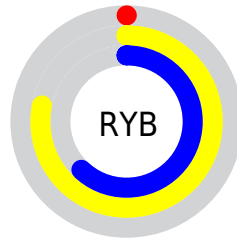
Distribution



Red (16%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (62%)

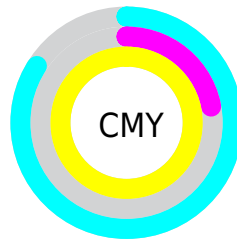


Cyan (80%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (84%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C700 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 28C700 by changing the saturation by 10% instead.


 28C700

 28C700

FFFFFF

 00AB00

 74FF50

 008F00

 94FF6D

 007500

 B3FF8A

 005A00

 D2FFA6

 004100

 F1FFC3

 002900

 FFFFE0

 000300

FFFFFFE

 000000

 28C700

 38C714

 48C728

 58C73C

 68C750

 78C764

 87C777

 97C78B

 A7C79F

 B7C7B3

Harmonies

Analogous

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



A8B600



28C700



00CF7A

Triad

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



28C700



00C4FF



FF3685

Complementary

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



28C700



9F00C7

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.



FF43DD



28C700



00A9FF

Square

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



28C700



00D0FF



E47CFF



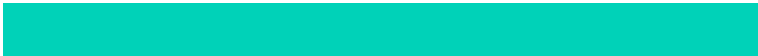
FF692D

Rectangle

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



28C700



00D2B8



E47CFF



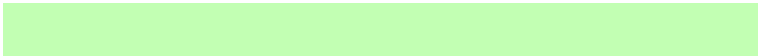
FF2EA2

Sweetspot

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



28C700



C2FFB3



C79C00



5B8052



000000



808080

Same Dimension

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



28C700



33FF00



00C738



5C635A



21A300



072400

Inverse Universe

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



9F00C7



CC00FF



C7008F



615A63



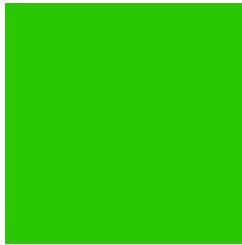
8200A3



1D0024

Previews

White Background



This preview shows how the Hex color 28C700 looks on a white background.

Color Contrast Check

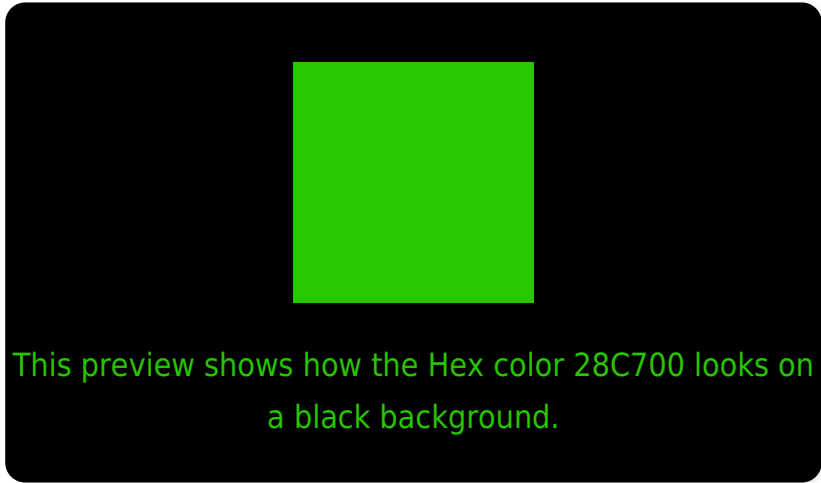
Large Text (above 18pt) WCAG AA × Fail

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 28C700 Background



This preview shows how black text looks on a background with the Hex color 28C700.

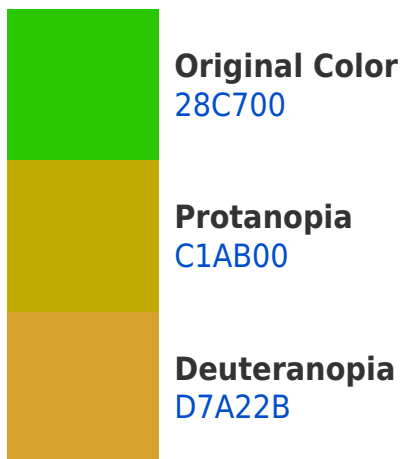


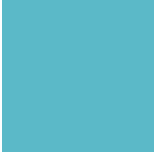
This preview shows how white text looks on a background with the Hex color 28C700.

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](#).

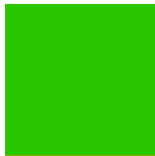
Dichromacy





Tritanopia
5BB9C8

Trichromacy



Original Color
28C700



Protanomaly
89B500



Deuteranomaly
97AF1B



Tritanomaly
48BE7F

Monochromacy



Original Color
28C700



Achromatopsia
818181



Achromatomaly
619A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 28C700 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 #28C700 looks like.

```
.text, #text, p{  
    color:#28C700  
}
```

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 #28C700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C700
}
```

Border

The CSS property to change the border of an element to Hex 28C700 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
#28C700 }
```

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

```
.border{ border-color:#28C700 }
```

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

Here you see how a box with a 4 pixel #28C700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C700; -webkit-box-shadow:4px 4px  
4px 4px #28C700; box-shadow:4px 4px 4px  
4px #28C700 }
```

Background

The CSS property to change the background color of an element to Hex 28C700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C700 }
```

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

```
.background{ background-color:#28C700 }
```

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