

Converting Colors

Hex(28C910)

Have a look what the booklet for
Hex(28C910) contains.

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Color

Hex(28C910)

Conversions

Conversions Part 1

Format	Color
Hex	28C910
RGB	40, 201, 16
RGB Percent	16%, 79%, 6%
CMY	0.8431, 0.2118, 0.9373
CMYK	0.80, 0.00, 0.92, 0.21
HSL	112°, 85%, 43%
HSV	112°, 92%, 79%
XYZ	21.8552, 42.2618, 7.4957
YIQ	131.7710, -36.5710, -91.6670

Conversions

Conversions Part 2

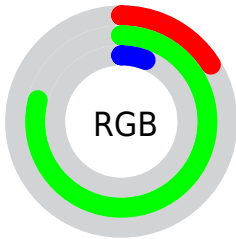
Format	Color
RYB	16, 201, 177
Decimal	2672912
CIELab	71.05, -68.90, 68.12
CIELCh	71, 96.889, 135.326
Yxy	42.2618, 0.3052, 0.5901
Android (android.graphics.Color)	4280862992 (0xFF28C910)
YUV	131.7710, -57.0751, -80.4832
Hunter-Lab	65.0091, -53.7564, 38.6701

Details

The Hex color **28C910** 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 **B110C9**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **74FF56**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **1AC900**, and if you desaturate by 10%, it is **39C924**.

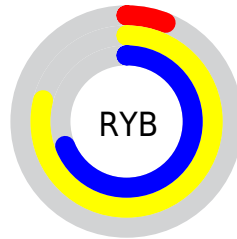
Distribution



Red (16%)

Green (79%)

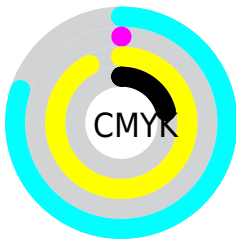
Blue (6%)



Red (6%)

Yellow (79%)

Blue (69%)

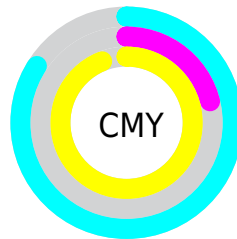


Cyan (80%)

Magenta (0%)

Yellow (92%)

Black (21%)



Cyan (84%)

Magenta (21%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C910 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 28C910 by changing the saturation by 10% instead.

 28C910

 28C910

FFFFFF

 00AD00

 74FF56

 009100

 94FF72

 007600

 B3FF8F

 005C00

 D2FFAB

 004300

 F1FFC8

 002B00

 FFFFE5

 000700

 000000

 28C910

 28C910

■ 1AC900

■ 39C924

■ 4BC938

■ 5CC94C

■ 6EC960

■ 7FC975

■ 91C989

■ A2C99D

■ B4C9B1

■ C5C9C5

Harmonies

Analogous

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



A8B800



28C910



00D17E

Triad

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



28C910



00C5FF



FF3C85

Complementary

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



28C910



B110C9

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.



FF47DD



28C910



00AAFF

Square

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



28C910



00D1FF



E87DFE



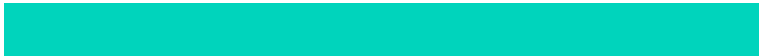
FF6D2E

Rectangle

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



28C910



00D4BC



E87DFF



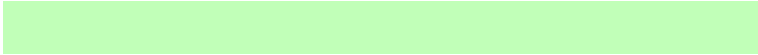
FF35A2

Sweetspot

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



28C910



C1FFB8



C9B010



5A8054



000000



808080

Same Dimension

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



28C910



21FF00



10C954



5B635A



15A300



052400

Inverse Universe

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



B110C9



DE00FF



C91085



625A63



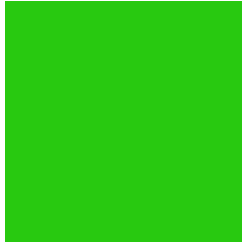
8E00A3



1F0024

Previews

White Background



This preview shows how the Hex color 28C910 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



This preview shows how the Hex color 28C910 looks on a 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 28C910 Background



This preview shows how black text looks on a background with the Hex color 28C910.

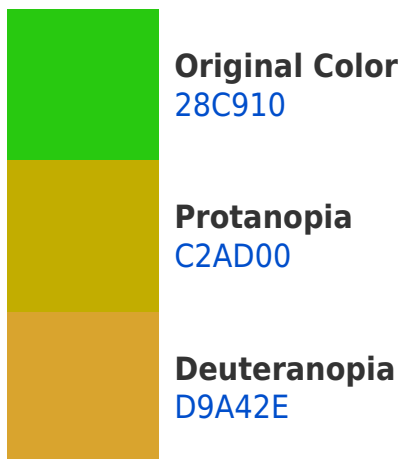


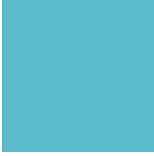
This preview shows how white text looks on a background with the Hex color 28C910.

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
5BBBCA

Trichromacy



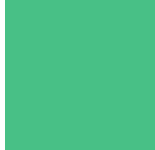
Original Color
28C910



Protanomaly
8AB706



Deuteranomaly
99B123



Tritanomaly
48C086

Monochromacy



Original Color
28C910



Achromatopsia
848484



Achromatomaly
639D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 28C910 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 #28C910 looks like.

```
.text, #text, p{  
    color:#28C910  
}
```

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 #28C910 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C910
}
```

Border

The CSS property to change the border of an element to Hex 28C910 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
#28C910 }
```

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

```
.border{ border-color:#28C910 }
```

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

Here you see how a box with a 4 pixel #28C910 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C910; -webkit-box-shadow:4px 4px  
4px 4px #28C910; box-shadow:4px 4px 4px  
4px #28C910 }
```

Background

The CSS property to change the background color of an element to Hex 28C910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C910 }
```

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

```
.background{ background-color:#28C910 }
```

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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