

Converting Colors

Hex(28C613)

Have a look what the booklet for
Hex(28C613) contains.

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Color

Hex(28C613)

Conversions

Conversions Part 1

Format	Color
Hex	28C613
RGB	40, 198, 19
RGB Percent	16%, 78%, 7%
CMY	0.8431, 0.2235, 0.9255
CMYK	0.80, 0.00, 0.90, 0.22
HSL	113°, 82%, 43%
HSV	113°, 90%, 78%
XYZ	21.1867, 40.8863, 7.3913
YIQ	130.3520, -36.7090, -89.1650

Conversions

Conversions Part 2

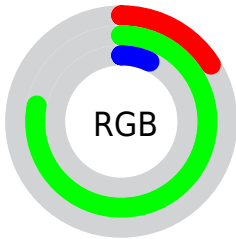
Format	Color
RYB	19, 198, 177
Decimal	2672147
CIELab	70.10, -67.94, 66.86
CIELCh	70, 95.318, 135.461
Yxy	40.8863, 0.3050, 0.5886
Android (android.graphics.Color)	4280862227 (0xFF28C613)
YUV	130.3520, -54.8965, -79.2387
Hunter-Lab	63.9424, -52.7549, 37.9062

Details

The Hex color **28C613** 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 **B113C6**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **73FF56**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **17C600**, and if you desaturate by 10%, it is **39C627**.

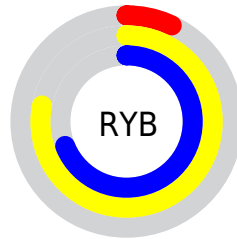
Distribution



Red (16%)

Green (78%)

Blue (7%)



Red (7%)

Yellow (78%)

Blue (69%)

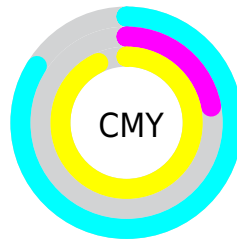


Cyan (80%)

Magenta (0%)

Yellow (90%)

Black (22%)



Cyan (84%)

Magenta (22%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C613 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 28C613 by changing the saturation by 10% instead.

 28C613

 28C613

FFFFFF

 00AA00

 73FF56

 008E00

 93FF73

 007400

 B2FF8F

 005A00

 D1FFAB


 004100

 F0FFC8

 002800

 FFFF E5

 000100

 000000

 28C613

 28C613

■ 17C600

■ 39C627

■ 4BC63B

■ 5CC64E

■ 6EC662

■ 7FC676

■ 91C68A

■ A2C69E

■ B4C6B1

■ C5C6C5

Harmonies

Analogous

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



A5B500



28C613



00CE7D

Triad

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



28C613



00C2FF



FF3D83

Complementary

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



28C613



B113C6

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.



FF47D9



28C613



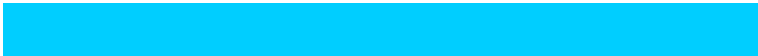
00A7FF

Square

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



28C613



00CEFF



E47CFF



FF6C2E

Rectangle

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



28C613



00D0B9



E47CFF



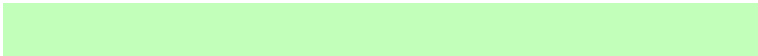
FF369F

Sweetspot

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



28C613



C2FFBA



C6AE13



5B8057



000000



808080

Same Dimension

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



28C613



1EFF00



13C655



5B635A



13A300



042400

Inverse Universe

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



B113C6



E100FF



C61384



625A63



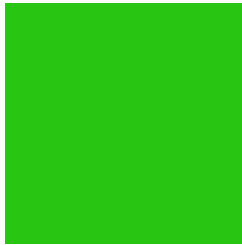
9000A3



200024

Previews

White Background



This preview shows how the Hex color 28C613 looks on a white background.

Color Contrast Check

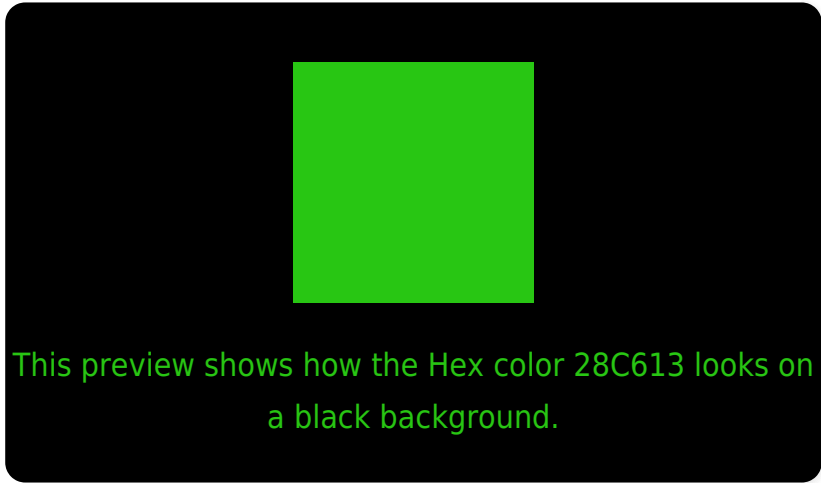
Large Text (above 18pt) WCAG AA × Fail

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 28C613 Background



This preview shows how black text looks on a background with the Hex color 28C613.

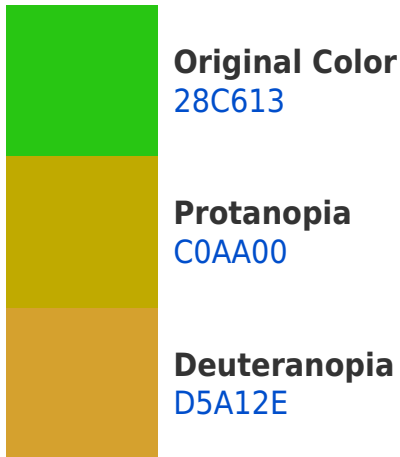


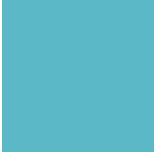
This preview shows how white text looks on a background with the Hex color 28C613.

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
5AB8C7

Trichromacy



Original Color
28C613



Protanomaly
89B407



Deuteranomaly
96AE24



Tritanomaly
48BD86

Monochromacy



Original Color
28C613



Achromatopsia
828282



Achromatomaly
619B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 28C613 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 #28C613 looks like.

```
.text, #text, p{  
    color:#28C613  
}
```

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 #28C613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C613
}
```

Border

The CSS property to change the border of an element to Hex 28C613 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".

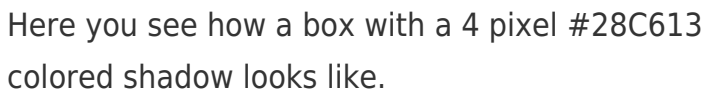
```
.border, #border, table{ border:4px solid
#28C613 }
```

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

```
.border{ border-color:#28C613 }
```

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

Here you see how a box with a 4 pixel #28C613 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C613; -webkit-box-shadow:4px 4px  
4px 4px #28C613; box-shadow:4px 4px 4px  
4px #28C613 }
```

Background

The CSS property to change the background color of an element to Hex 28C613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C613 }
```

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

```
.background{ background-color:#28C613 }
```

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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