

Converting Colors

Hex(29C814)

Have a look what the booklet for
Hex(29C814) contains.

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Color

Hex(29C814)

Conversions

Conversions Part 1

Format	Color
Hex	29C814
RGB	41, 200, 20
RGB Percent	16%, 78%, 8%
CMY	0.8392, 0.2157, 0.9216
CMYK	0.80, 0.00, 0.90, 0.22
HSL	113°, 82%, 43%
HSV	113°, 90%, 78%
XYZ	21.6950, 41.8305, 7.5925
YIQ	131.9390, -36.9840, -89.6880

Conversions

Conversions Part 2

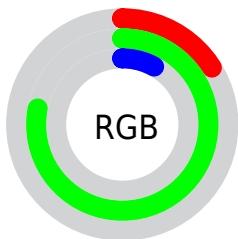
Format	Color
RYB	20, 200, 179
Decimal	2738196
CIELab	70.75, -68.37, 67.26
CIELCh	71, 95.905, 135.470
Yxy	41.8305, 0.3051, 0.5882
Android (android.graphics.Color)	4280928276 (0xFF29C814)
YUV	131.9390, -55.1859, -79.7535
Hunter-Lab	64.6765, -53.3080, 38.3134

Details


The Hex color **29C814** 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 **B314C8**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **74FF57**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **17C800**, and if you desaturate by 10%, it is **3BC828**.

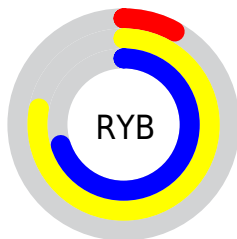
Distribution



 Red (16%)

 Green (78%)

 Blue (8%)




 Red (8%)

 Yellow (78%)

 Blue (70%)

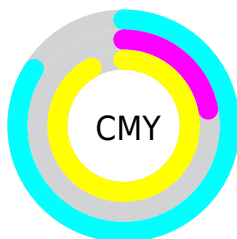



 Cyan (80%)


 Magenta (0%)

 Yellow (90%)

 Black (22%)



 Cyan (84%)

 Magenta (22%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29C814 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 29C814 by changing the saturation by 10% instead.

 29C814

 29C814

FFFFFF

 00AC00

 74FF57

 009000

 94FF74

 007500

 B3FF90

 005B00

 D2FFAC

 004200

 F1FFC9

 002A00

 FFFFE6

 000500

 000000

 29C814

 29C814

 17C800

 3BC828

 4CC83C

 5EC850

 70C864

 81C878

 93C88C

 A5C8A0

 B6C8B4

 C8C8C8

Harmonies

Analogous

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



A7B700



29C814



00D07E

Triad

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



29C814



00C4FF



FF3E84

Complementary

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



29C814



B314C8

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.



FF48DB



29C814



00A9FF

Square

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



29C814



00D0FF



E77DFE



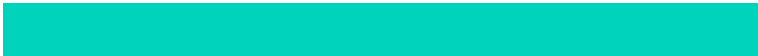
FF6E2F

Rectangle

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



29C814



00D3BB



E77DFF



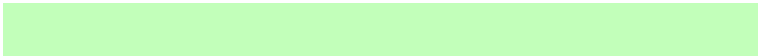
FF37A1

Sweetspot

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



29C814



C2FFBA



C8B314



5B8057



000000



808080

Same Dimension

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



29C814



1EFF00



14C859



5B635A



13A300



042400

Inverse Universe

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



B314C8



E100FF



C81483



625A63



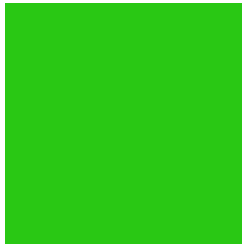
9000A3



200024

Previews

White Background



This preview shows how the Hex color 29C814 looks on a white background.

Color Contrast Check

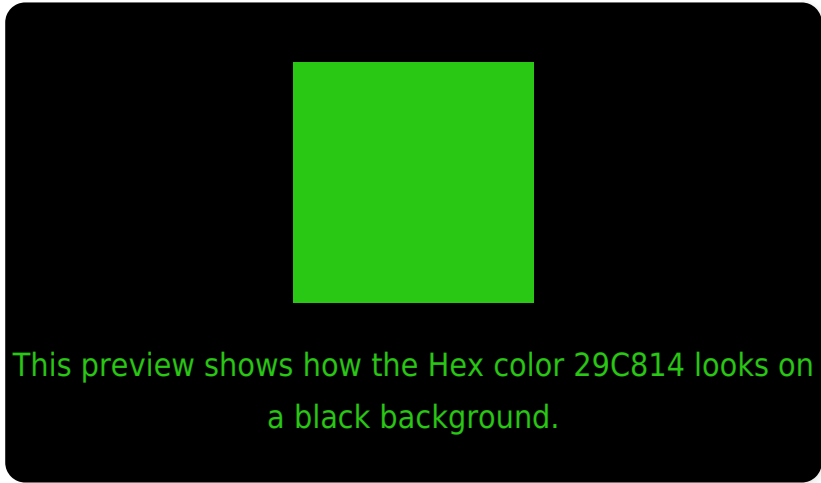
Large Text (above 18pt) WCAG AA × Fail

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 29C814 Background



This preview shows how black text looks on a background with the Hex color 29C814.

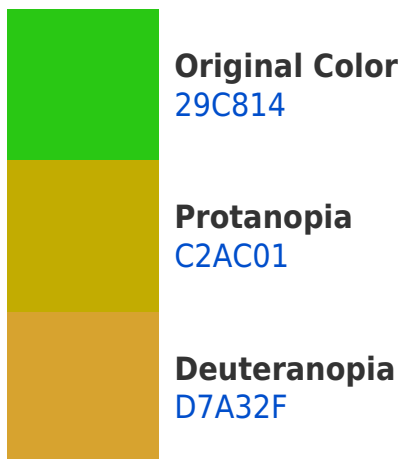


This preview shows how white text looks on a background with the Hex color 29C814.

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



Trichromacy



Original Color
29C814



Protanomaly
8AB608



Deuteranomaly
98B025



Tritanomaly
49BF87

Monochromacy



Original Color
29C814



Achromatopsia
848484



Achromatomaly
639D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 29C814 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 #29C814 looks like.

```
.text, #text, p{  
    color:#29C814  
}
```

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 #29C814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29C814
}
```

Border

The CSS property to change the border of an element to Hex 29C814 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
#29C814 }
```

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

```
.border{ border-color:#29C814 }
```

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

Here you see how a box with a 4 pixel #29C814 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29C814; -webkit-box-shadow:4px 4px  
4px 4px #29C814; box-shadow:4px 4px 4px  
4px #29C814 }
```

Background

The CSS property to change the background color of an element to Hex 29C814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29C814 }
```

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

```
.background{ background-color:#29C814 }
```

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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