

Converting Colors

Hex(29B814)

Have a look what the booklet for
Hex(29B814) contains.

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Color

Hex(29B814)

Conversions

Conversions Part 1

Format	Color
Hex	29B814
RGB	41, 184, 20
RGB Percent	16%, 72%, 8%
CMY	0.8392, 0.2784, 0.9216
CMYK	0.78, 0.00, 0.89, 0.28
HSL	112°, 80%, 40%
HSV	112°, 89%, 72%
XYZ	18.1812, 34.8029, 6.4212
YIQ	122.5470, -32.5840, -81.3200

Conversions

Conversions Part 2

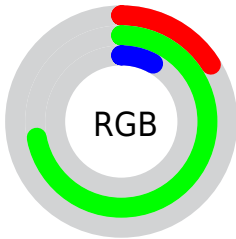
Format	Color
RYB	20, 184, 163
Decimal	2734100
CIELab	65.59, -63.61, 62.83
CIELCh	66, 89.410, 135.352
Yxy	34.8029, 0.3061, 0.5859
Android (android.graphics.Color)	4280924180 (0xFF29B814)
YUV	122.5470, -50.5557, -71.5167
Hunter-Lab	58.9940, -48.2280, 34.8424

Details

The Hex color **29B814** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A314B8**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **70F154**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **19B802**, and if you desaturate by 10%, it is **39B826**.

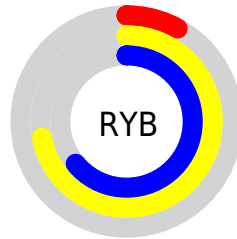
Distribution



Red (16%)

Green (72%)

Blue (8%)



Red (8%)

Yellow (72%)

Blue (64%)

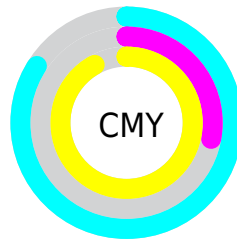


Cyan (78%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (84%)

Magenta (28%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29B814 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 29B814 by changing the saturation by 10% instead.

 29B814

 29B814


FFFFFF

 009C00

 70F154

 008100

 8FFF70

 006700

 AEFF8C

 004D00

 CCFFA8

 003600

 EAFFC5

 001C00

 FFFF E2

 000000

 29B814

 29B814

 19B802

 39B826

 18B800

 49B839

 59B84B

 69B85E

 79B870

 89B882

 99B895

 A9B8A7

 B9B8BA

Harmonies

Analogous

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



9AA800



29B814



00C074

Triad

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



29B814



00B4FF



FF3B7A

Complementary

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



29B814



A314B8

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.



FF44CA



29B814



009BFF

Square

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



29B814



00BFFF



D473FF



FF652C

Rectangle

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



29B814



00C2AC



D473FF



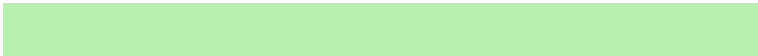
FF3595

Sweetspot

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



29B814



B7F0AF



B8A214



567851



F7F7F7



787878

Same Dimension

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



29B814



1FF000



14B850



545C53



149C00



041C00

Inverse Universe

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



A314B8



D100F0



B8147C



5B535C



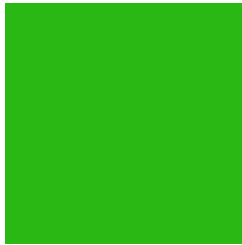
88009C



18001C

Previews

White Background



This preview shows how the Hex color 29B814 looks on a white background.

Color Contrast Check

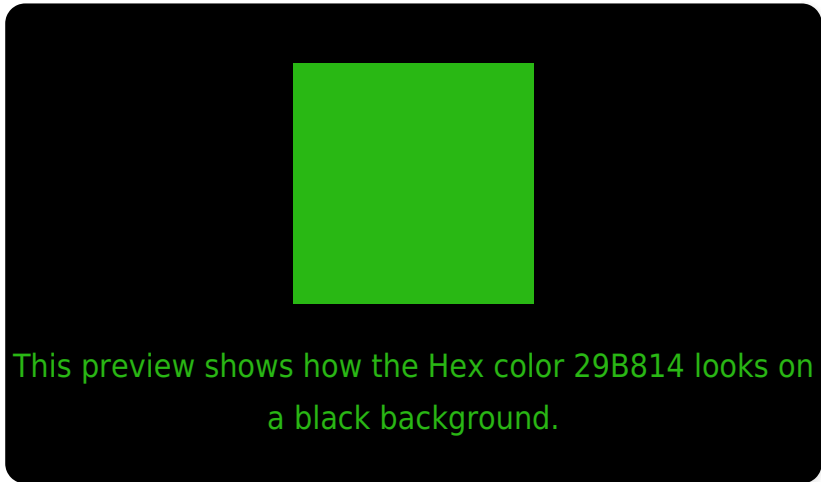
Large Text (above 18pt) WCAG AA × Fail

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 29B814 Background



This preview shows how black text looks on a background with the Hex color 29B814.



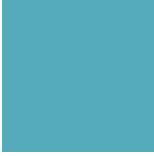
This preview shows how white text looks on a background with the Hex color 29B814.

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
55ABB9

Trichromacy



Original Color
29B814



Protanomaly
80A70C



Deuteranomaly
8DA223



Tritanomaly
45B07D

Monochromacy



Original Color
29B814



Achromatopsia
7B7B7B



Achromatomaly
5D9156

CSS Examples

Text

The CSS property to change the color of the text to Hex 29B814 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 #29B814 looks like.

```
.text, #text, p{  
    color:#29B814  
}
```

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 #29B814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29B814
}
```

Border

The CSS property to change the border of an element to Hex 29B814 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
#29B814 }
```

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

```
.border{ border-color:#29B814 }
```

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

Here you see how a box with a 4 pixel #29B814 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29B814; -webkit-box-shadow:4px 4px  
4px 4px #29B814; box-shadow:4px 4px 4px  
4px #29B814 }
```

Background

The CSS property to change the background color of an element to Hex 29B814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29B814 }
```

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

```
.background{ background-color:#29B814 }
```

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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