

Converting Colors

Hex(29B000)

Have a look what the booklet for
Hex(29B000) contains.

Hex(29B000)	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(29B000)

Conversions

Conversions Part 1

Format	Color
Hex	29B000
RGB	41, 176, 0
RGB Percent	16%, 69%, 0%
CMY	0.8392, 0.3098, 1.0000
CMYK	0.77, 0.00, 1.00, 0.31
HSL	106°, 100%, 35%
HSV	106°, 100%, 69%
XYZ	16.4398, 31.5221, 5.2179
YIQ	115.5710, -23.9640, -83.3560

Conversions

Conversions Part 2

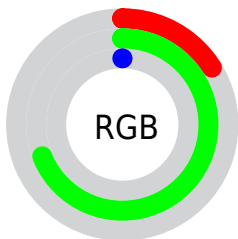
Format	Color
RYB	0, 176, 135
Decimal	2732032
CIELab	62.95, -61.70, 63.47
CIELCh	63, 88.516, 134.191
Yxy	31.5221, 0.3091, 0.5927
Android (android.graphics.Color)	4280922112 (0xFF29B000)
YUV	115.5710, -56.9765, -65.3988
Hunter-Lab	56.1445, -45.9860, 33.7909

Details

The Hex color **29B000** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8700B0**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6FE94B**, and **007A00** is the 20% darker color. If you saturate the color by 10%, you get **29B000**, and if you desaturate by 10%, it is **36B012**.

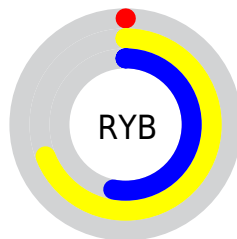
Distribution



Red (16%)

Green (69%)

Blue (0%)



Red (0%)

Yellow (69%)

Blue (53%)

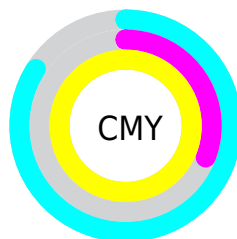


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (84%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29B000 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 29B000 by changing the saturation by 10% instead.

 29B000

 29B000

FFFFFF

 009500

 6FE94B

 007A00

 8DFF67

 006000

 ACFF83

 004700

 CAFF9F

 003000

 E8FFBC

 001200

 FFFFD9

 000000

 FFFFF6

 29B000

 36B012

 44B023

 51B035

 5FB046

 6CB058

 7AB06A

 87B07B

 95B08D

 A3B09E

Harmonies

Analogous

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



96A000



29B000



00B86A

Triad

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



29B000



00ADFF



FF3077

Complementary

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



29B000



8700B0

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.



FF3DC5



29B000



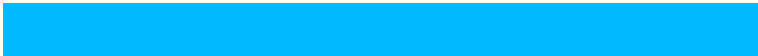
0096FF

Square

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



29B000



00B8FF



C86FFF



FF5D2A

Rectangle

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



29B000



00BAA2



C86FFF



FF2B91

Sweetspot

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



29B000



B1E6A1



B08700



537349



F2F2F2



737373

Same Dimension

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



29B000



35E600



00B02F



525950



249900



061A00

Inverse Universe

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



8700B0



B000E6



B00081



575059



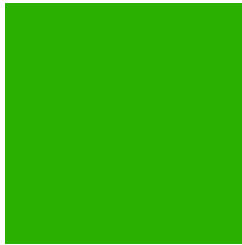
750099



14001A

Previews

White Background



This preview shows how the Hex color 29B000 looks on a white background.

Color Contrast Check

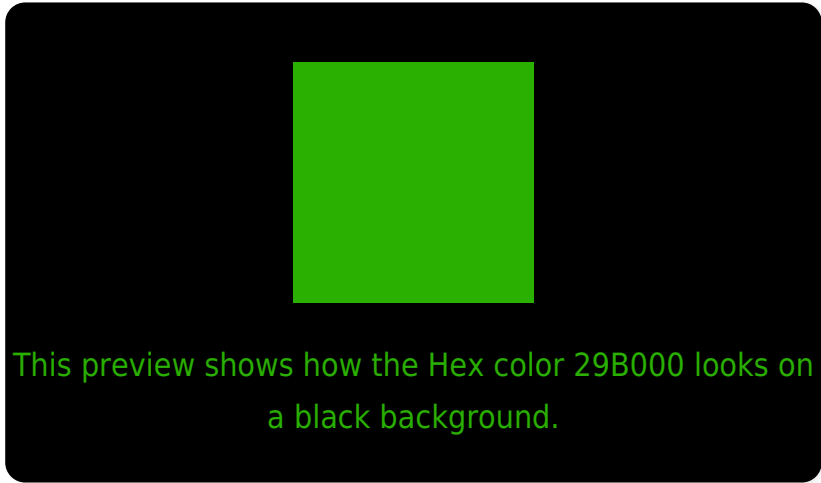
Large Text (above 18pt) WCAG AA × Fail

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 29B000 Background



This preview shows how black text looks on a background with the Hex color 29B000.

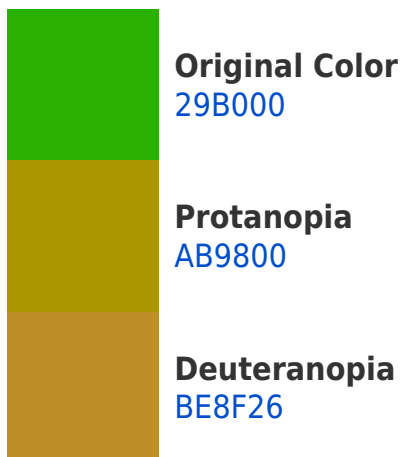


This preview shows how white text looks on a background with the Hex color 29B000.

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](#).

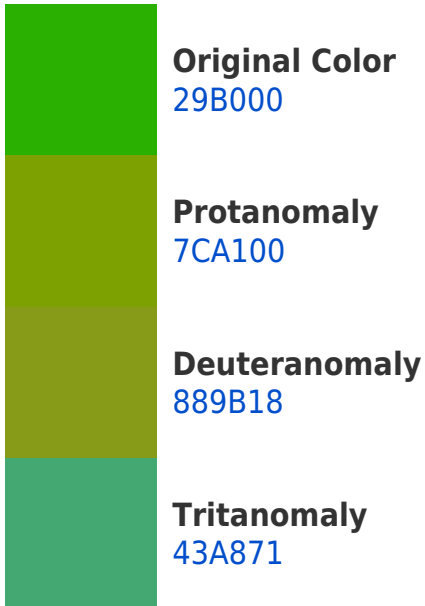
Dichromacy



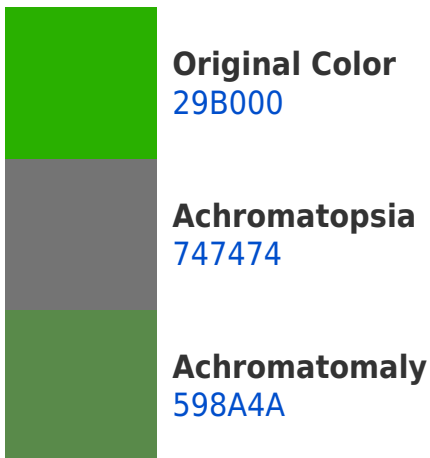


Tritanopia
52A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29B000 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 #29B000 looks like.

```
.text, #text, p{  
    color:#29B000  
}
```

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 #29B000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29B000
}
```

Border

The CSS property to change the border of an element to Hex 29B000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

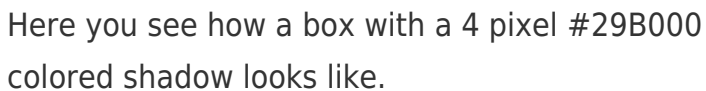
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29B000 }
```

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

```
.border{ border-color:#29B000 }
```

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



Here you see how a box with a 4 pixel #29B000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29B000; -webkit-box-shadow:4px 4px  
4px 4px #29B000; box-shadow:4px 4px 4px  
4px #29B000 }
```

Background

The CSS property to change the background color of an element to Hex 29B000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29B000 }
```

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

```
.background{ background-color:#29B000 }
```

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