

Converting Colors

Hex(229B00)

Have a look what the booklet for
Hex(229B00) contains.

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Color

Hex(229B00)

Conversions

Conversions Part 1

Format	Color
Hex	229B00
RGB	34, 155, 0
RGB Percent	13%, 61%, 0%
CMY	0.8667, 0.3922, 1.0000
CMYK	0.78, 0.00, 1.00, 0.39
HSL	107°, 100%, 30%
HSV	107°, 100%, 61%
XYZ	12.3810, 23.7828, 3.9380
YIQ	101.1510, -22.3610, -73.8570

Conversions

Conversions Part 2

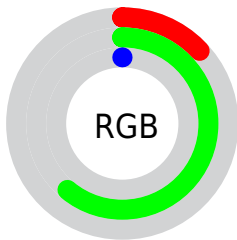
Format	Color
RYB	0, 155, 121
Decimal	2267904
CIELab	55.87, -56.32, 57.77
CIELCh	56, 80.684, 134.272
Yxy	23.7828, 0.3087, 0.5931
Android (android.graphics.Color)	4280457984 (0xFF229B00)
YUV	101.1510, -49.8674, -58.8914
Hunter-Lab	48.7676, -40.0260, 29.3496

Details

The Hex color **229B00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **79009B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **66D346**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **229B00**, and if you desaturate by 10%, it is **2E9B0F**.

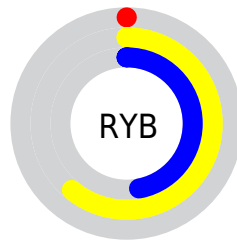
Distribution



Red (13%)

Green (61%)

Blue (0%)



Red (0%)

Yellow (61%)

Blue (47%)

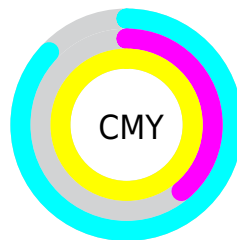


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (87%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 229B00 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 229B00 by changing the saturation by 10% instead.

 229B00

 229B00

FFFFFF

 008000

 66D346

 006600

 84EF62

 004D00

 A1FF7D

 003500

 BFFF98

 001D00

 DDFFB4

 000000

 FBFFD1

 FFFFEE

 229B00

 2E9B0F

 3A9B1F

 469B2F

 529B3E

 5E9B4E

 6B9B5D

 779B6C

 839B7C

 8F9B8B

Harmonies

Analogous

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



838D00



229B00



00A25D

Triad

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



229B00



0099FF



FF2968

Complementary

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



229B00



79009B

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.



EE35AE



229B00



0083FF

Square

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



229B00



00A2E7



B061EC



EC5123

Rectangle

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



229B00



00A48E



B061EC



FE247F

Sweetspot

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



229B00



9AC98D



9B7700



496641



E6E6E6



666666

Same Dimension

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



229B00



2CC900



009B29



474D45



1F8C00



030D00

Inverse Universe

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



79009B



9D00C9



9B0072



4B454D



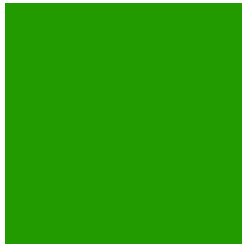
6D008C



0A000D

Previews

White Background



This preview shows how the Hex color 229B00 looks on a white background.

Color Contrast Check

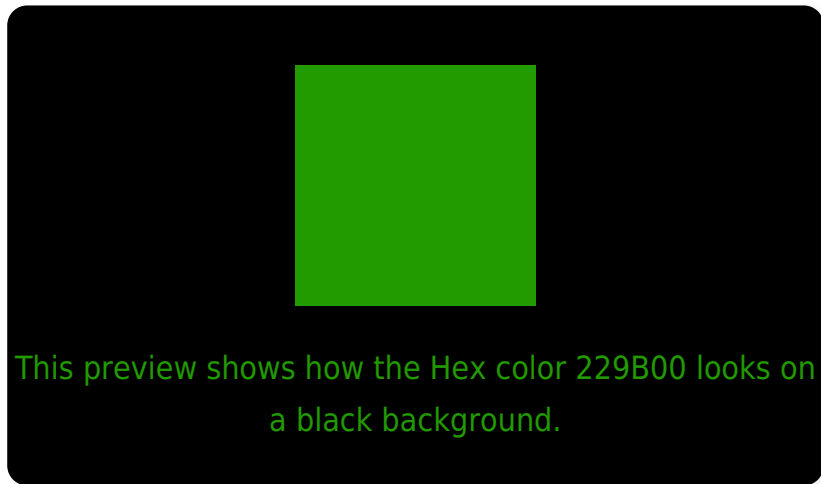
Large Text (above 18pt) WCAG AA ✓ Pass

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

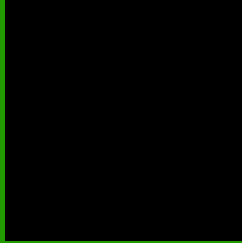
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 229B00 Background



This preview shows how black text looks on a background with the Hex color 229B00.

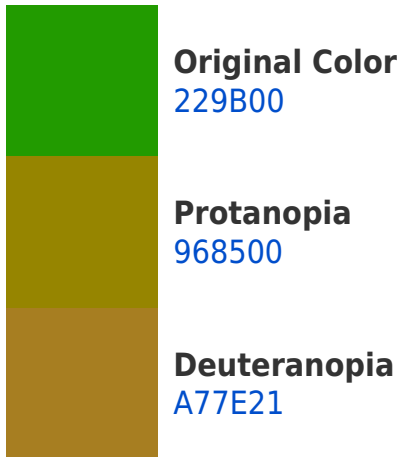


This preview shows how white text looks on a background with the Hex color 229B00.

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
48909C

Trichromacy



Original Color
229B00



Protanomaly
6C8D00



Deuteranomaly
778915



Tritanomaly
3A9463

Monochromacy



Original Color
229B00



Achromatopsia
656565



Achromatomaly
4D7940

CSS Examples

Text

The CSS property to change the color of the text to Hex 229B00 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 #229B00 looks like.

```
.text, #text, p{  
    color:#229B00  
}
```

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 #229B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #229B00
}
```

Border

The CSS property to change the border of an element to Hex 229B00 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
#229B00 }
```

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

```
.border{ border-color:#229B00 }
```

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

Here you see how a box with a 4 pixel #229B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #229B00; -webkit-box-shadow:4px 4px  
4px 4px #229B00; box-shadow:4px 4px 4px  
4px #229B00 }
```

Background

The CSS property to change the background color of an element to Hex 229B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#229B00 }
```

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

```
.background{ background-color:#229B00 }
```

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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