

Converting Colors

Hex(329900)

Have a look what the booklet for
Hex(329900) contains.

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Color

Hex(329900)

Conversions

Conversions Part 1

Format	Color
Hex	329900
RGB	50, 153, 0
RGB Percent	20%, 60%, 0%
CMY	0.8039, 0.4000, 1.0000
CMYK	0.67, 0.00, 1.00, 0.40
HSL	100°, 100%, 30%
HSV	100°, 100%, 60%
XYZ	12.7066, 23.4606, 3.8586
YIQ	104.7610, -12.2750, -69.4190

Conversions

Conversions Part 2

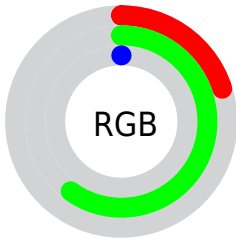
Format	Color
RYB	0, 153, 103
Decimal	3315968
CIELab	55.54, -52.72, 57.66
CIELCh	56, 78.124, 132.436
Yxy	23.4606, 0.3175, 0.5861
Android (android.graphics.Color)	4281506048 (0xFF329900)
YUV	104.7610, -51.6472, -48.0254
Hunter-Lab	48.4361, -37.9359, 29.1820

Details

The Hex color **329900** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **670099**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **70D046**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **329900**, and if you desaturate by 10%, it is **3C990F**.

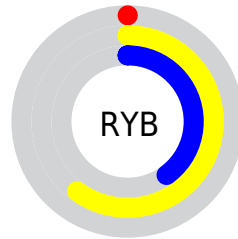
Distribution



Red (20%)

Green (60%)

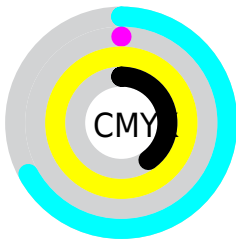
Blue (0%)



Red (0%)

Yellow (60%)

Blue (40%)

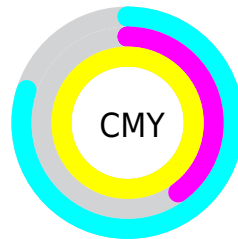


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (80%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 329900 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 329900 by changing the saturation by 10% instead.

 329900

 329900

FFFFFF

 007E00

 70D046

 006500

 8DED61

 004B00

 AAFF7C

 003400

 C7FF98

 001C00

 E5FFB4

 000000

 FFFFD1

 FFFFEE

 329900

 3C990F

 47991F

 51992E

 5B993D

 66994D

 70995C

 7A996B

 84997A

 8F998A

Harmonies

Analogous

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



878B00



329900



00A059

Triad

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



329900



0098FF



FA2E6C

Complementary

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



329900



670099

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.



E83CB0



329900



0084FF

Square

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



329900



00A1E0



A964EA



EA502A

Rectangle

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



329900



00A289



A964EA



F92C83

Sweetspot

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



329900



9FC78B



996600



4B6340



E3E3E3



636363

Same Dimension

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



329900



41C700



009919



474D45



2E8C00



040D00

Inverse Universe

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



670099



8600C7



99007F



4A454D



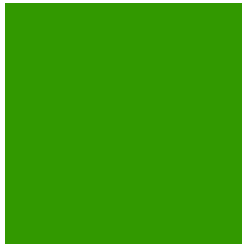
5E008C



09000D

Previews

White Background



This preview shows how the Hex color 329900 looks on a white background.

Color Contrast Check

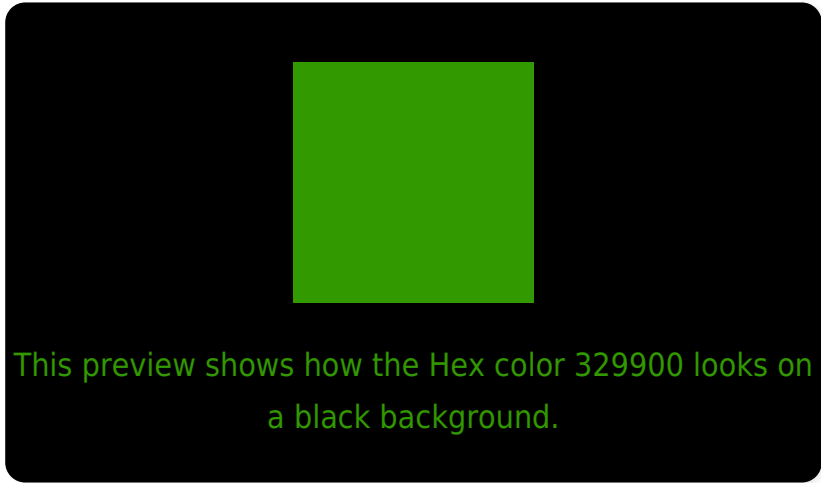
Large Text (above 18pt) WCAG AA ✓ Pass

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

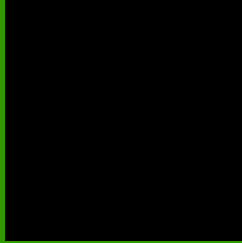
Any Text WCAG AA ✓ Pass

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 329900 Background



This preview shows how black text looks on a background with the Hex color 329900.

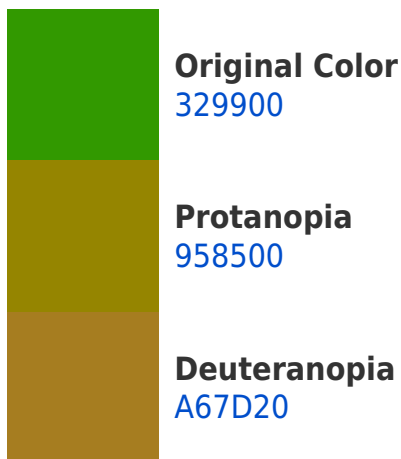


This preview shows how white text looks on a background with the Hex color 329900.

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
4F8E9A

Trichromacy



Original Color
329900

Protanomaly
718C00

Deuteranomaly
7C8714

Tritanomaly
449262

Monochromacy



Original Color
329900

Achromatopsia
696969

Achromatomaly
557A43

CSS Examples

Text

The CSS property to change the color of the text to Hex 329900 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 #329900 looks like.

```
.text, #text, p{  
    color:#329900  
}
```

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 #329900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #329900
}
```

Border

The CSS property to change the border of an element to Hex 329900 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
#329900 }
```

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

```
.border{ border-color:#329900 }
```

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

Here you see how a box with a 4 pixel #329900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #329900; -webkit-box-shadow:4px 4px  
4px 4px #329900; box-shadow:4px 4px 4px  
4px #329900 }
```

Background

The CSS property to change the background color of an element to Hex 329900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#329900 }
```

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

```
.background{ background-color:#329900 }
```

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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