

Converting Colors

Hex(329200)

Have a look what the booklet for
Hex(329200) contains.

Hex(329200)	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(329200)

Conversions

Conversions Part 1

Format	Color
Hex	329200
RGB	50, 146, 0
RGB Percent	20%, 57%, 0%
CMY	0.8039, 0.4275, 1.0000
CMYK	0.66, 0.00, 1.00, 0.43
HSL	99°, 100%, 29%
HSV	99°, 100%, 57%
XYZ	11.5943, 21.2359, 3.4879
YIQ	100.6520, -10.3500, -65.7580

Conversions

Conversions Part 2

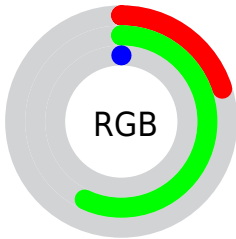
Format	Color
RYB	0, 146, 96
Decimal	3314176
CIELab	53.21, -50.33, 55.80
CIELCh	53, 75.149, 132.048
Yxy	21.2359, 0.3192, 0.5847
Android (android.graphics.Color)	4281504256 (0xFF329200)
YUV	100.6520, -49.6214, -44.4218
Hunter-Lab	46.0824, -35.7338, 27.7702

Details

The Hex color **329200** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **600092**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6EC944**, and **005E00** is the 20% darker color. If you saturate the color by 10%, you get **329200**, and if you desaturate by 10%, it is **3C920F**.

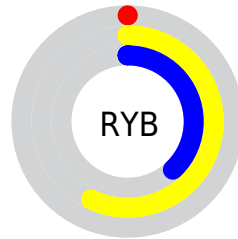
Distribution



Red (20%)

Green (57%)

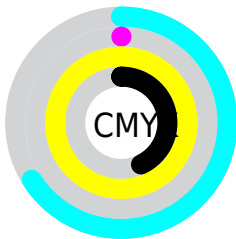
Blue (0%)



Red (0%)

Yellow (57%)

Blue (38%)

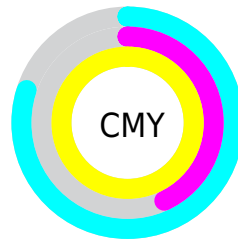


Cyan (66%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (80%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 329200 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 329200 by changing the saturation by 10% instead.

 329200

 329200

FFFFFF

 037800

 6EC944

 005E00

 8BE55F

 004500

 A8FF7A

 002F00

 C5FF96

 001300

 E2FFB2

 000000

 FFFFCE

 FFFFEB

 329200

 3C920F

 45921D

 4F922C

 58923A

 629249

 6C9258

 759266

 7F9275

 889283

Harmonies

Analogous

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



828400



329200



009954

Triad

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



329200



0091FB



EF2D68

Complementary

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



329200



600092

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.



DD3AA9



329200



007FFF

Square

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



329200



009AD5



A060E0



E04C2A

Rectangle

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



329200



009B82



A060E0



ED2B7E

Sweetspot

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



329200



97BD84



925F00



485E3C



DEDEDE



5E5E5E

Same Dimension

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



329200



41BD00



009216



454A43



2F8A00



030A00

Inverse Universe

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



600092



7C00BD



92007C



47434A



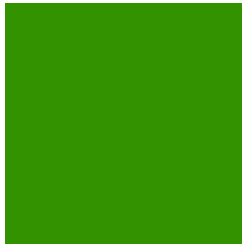
5B008A



07000A

Previews

White Background



This preview shows how the Hex color 329200 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 329200 Background



This preview shows how black text looks on a background with the Hex color 329200.



This preview shows how white text looks on a background with the Hex color 329200.

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



Original Color
329200

Protanopia
8F7F00

Deuteranopia
9F781F



Tritanopia
4D8893

Trichromacy



Original Color
329200

Protanomaly
6D8600

Deuteranomaly
778114

Tritanomaly
438C5E

Monochromacy



Original Color
329200

Achromatopsia
656565

Achromatomaly
527540

CSS Examples

Text

The CSS property to change the color of the text to Hex 329200 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 #329200 looks like.

```
.text, #text, p{  
    color:#329200  
}
```

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 #329200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #329200
}
```

Border

The CSS property to change the border of an element to Hex 329200 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
#329200 }
```

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

```
.border{ border-color:#329200 }
```

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

Here you see how a box with a 4 pixel #329200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #329200; -webkit-box-shadow:4px 4px  
4px 4px #329200; box-shadow:4px 4px 4px  
4px #329200 }
```

Background

The CSS property to change the background color of an element to Hex 329200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#329200 }
```

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

```
.background{ background-color:#329200 }
```

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