

Converting Colors

Hex(2A8A00)

Have a look what the booklet for
Hex(2A8A00) contains.

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Color

Hex(2A8A00)

Conversions

Conversions Part 1

Format	Color
Hex	2A8A00
RGB	42, 138, 0
RGB Percent	16%, 54%, 0%
CMY	0.8353, 0.4588, 1.0000
CMYK	0.70, 0.00, 1.00, 0.46
HSL	102°, 100%, 27%
HSV	102°, 100%, 54%
XYZ	10.0433, 18.6692, 3.0742
YIQ	93.5640, -12.9180, -63.2700

Conversions

Conversions Part 2

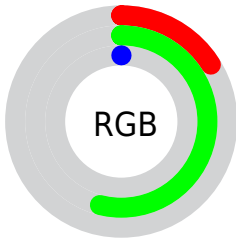
Format	Color
RYB	0, 138, 96
Decimal	2787840
CIELab	50.30, -49.38, 53.41
CIELCh	50, 72.739, 132.759
Yxy	18.6692, 0.3160, 0.5873
Android (android.graphics.Color)	4280977920 (0xFF2A8A00)
YUV	93.5640, -46.1271, -45.2216
Hunter-Lab	43.2079, -34.1229, 26.0271

Details

The Hex color **2A8A00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **60008A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **67C042**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **2A8A00**, and if you desaturate by 10%, it is **348A0E**.

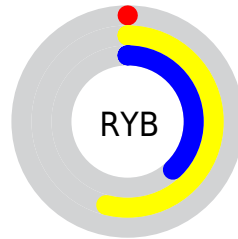
Distribution



Red (16%)

Green (54%)

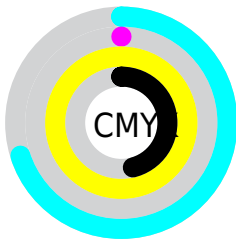
Blue (0%)



Red (0%)

Yellow (54%)

Blue (38%)

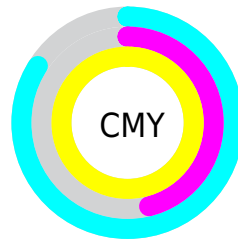


Cyan (70%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (84%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8A00 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 2A8A00 by changing the saturation by 10% instead.

 2A8A00

 2A8A00

FFFFFF

 007000

 67C042

 005700

 83DD5D

 003E00

 A0FA78

 002900

 BDFF93

 000200

 DAFFAF

 000000

 F8FFCB

 FFFF E8

 2A8A00

 348A0E

 3D8A1C

 478A29

 508A37

 5A8A45

 648A53

 6D8A61

 778A6E

 808A7C

Harmonies

Analogous

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



797D00



2A8A00



009050

Triad

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



2A8A00



0089EF



E32860

Complementary

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



2A8A00



60008A

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.



D2349E



2A8A00



0077F2

Square

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



2A8A00



0091CB



9959D4



D44824

Rectangle

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



2A8A00



00927C



9959D4



E12575

Sweetspot

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



2A8A00



8DB37D



8A5E00



435939



D9D9D9



595959

Same Dimension

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



2A8A00



36B300



008A19



40453E



288500



020500

Inverse Universe

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



60008A



7C00B3



8A0071



433E45



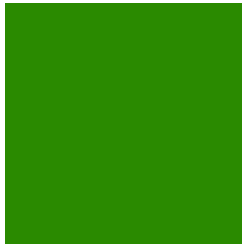
5C0085



040005

Previews

White Background



This preview shows how the Hex color 2A8A00 looks on a white background.

Color Contrast Check

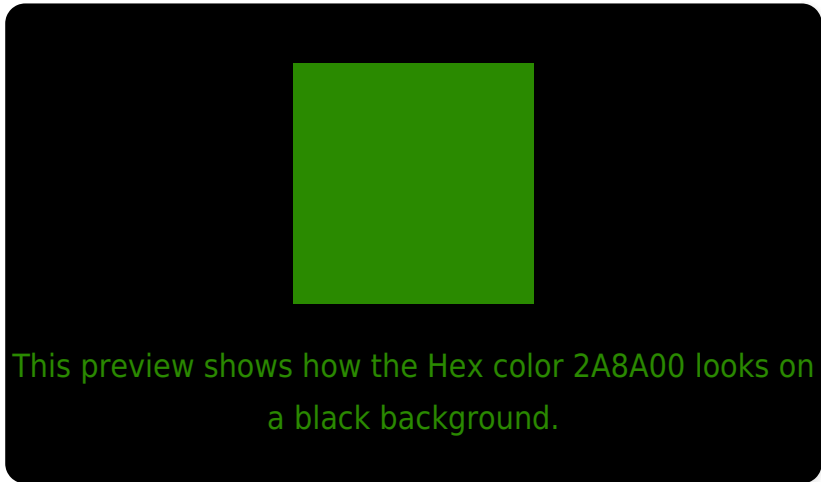
Large Text (above 18pt) WCAG AA ✓ Pass

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

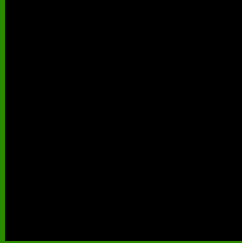
Any Text WCAG AA ✓ Pass

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 2A8A00 Background



This preview shows how black text looks on a background with the Hex color 2A8A00.



This preview shows how white text looks on a background with the Hex color 2A8A00.

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
2A8A00

Protanopia
867700

Deuteranopia
96711D



Tritanopia
46808B

Trichromacy



Original Color
2A8A00



Protanomaly
657E00



Deuteranomaly
6F7A12



Tritanomaly
3C8458

Monochromacy



Original Color
2A8A00



Achromatopsia
5E5E5E



Achromatomaly
4B6E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8A00 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 #2A8A00 looks like.

```
.text, #text, p{  
    color:#2A8A00  
}
```

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 #2A8A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8A00
}
```

Border

The CSS property to change the border of an element to Hex 2A8A00 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".

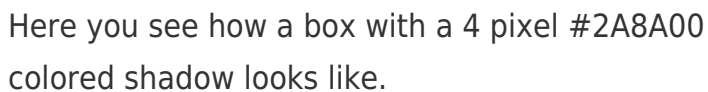
```
.border, #border, table{ border:4px solid
#2A8A00 }
```

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

```
.border{ border-color:#2A8A00 }
```

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

Here you see how a box with a 4 pixel #2A8A00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8A00; -webkit-box-shadow:4px 4px  
4px 4px #2A8A00; box-shadow:4px 4px 4px  
4px #2A8A00 }
```

Background

The CSS property to change the background color of an element to Hex 2A8A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8A00 }
```

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

```
.background{ background-color:#2A8A00 }
```

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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