

Converting Colors

Hex(2A9339)

Have a look what the booklet for
Hex(2A9339) contains.

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Color

Hex(2A9339)

Conversions

Conversions Part 1

Format	Color
Hex	2A9339
RGB	42, 147, 57
RGB Percent	16%, 58%, 22%
CMY	0.8353, 0.4235, 0.7765
CMYK	0.71, 0.00, 0.61, 0.42
HSL	129°, 56%, 37%
HSV	129°, 71%, 58%
XYZ	12.1271, 21.6551, 7.4116
YIQ	105.3450, -33.6900, -50.2500

Conversions

Conversions Part 2

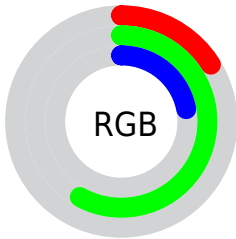
Format	Color
R_{YB}	42, 134, 147
Decimal	2790201
CIE _{Lab}	53.66, -48.54, 38.44
CIE _{LCh}	54, 61.918, 141.622
Yxy	21.6551, 0.2944, 0.5257
Android (android.graphics.Color)	4280980281 (0xFF2A9339)
YUV	105.3450, -23.8341, -55.5536
Hunter-Lab	46.5350, -34.9190, 23.1315

Details

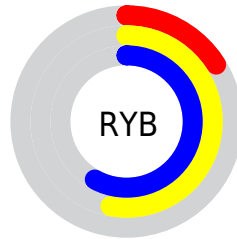
The Hex color **2A9339** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **932A84**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **67CA6B**, and **005F03** is the 20% darker color. If you saturate the color by 10%, you get **1B932C**, and if you desaturate by 10%, it is **399346**.

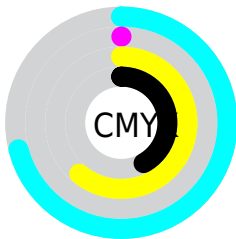
Distribution



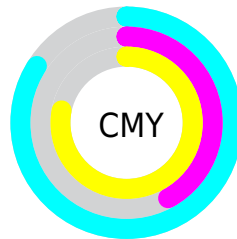
- Red (16%)
- Green (58%)
- Blue (22%)



- Red (16%)
- Yellow (53%)
- Blue (58%)



- Cyan (71%)
- Magenta (0%)
- Yellow (61%)
- Black (42%)



- Cyan (84%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A9339 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 2A9339 by changing the saturation by 10% instead.


 2A9339

 2A9339

FFFFFF

 007920

 67CA6B

 005F03

 83E785

 004600

 A0FFA0

 002F00

 BCFFBB

 001500

 DAFFD8

 000000

 F7FFF4

 2A9339

 2A9339

 1B932C

 399346

 0D9320

 479352

 009315

 56935F

 65936B

 739378

 829385

 919391

 A0939E

 AE93AA

Harmonies

Analogous

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



758900



2A9339



00986F

Triad

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



2A9339



008BEA



DE4D5C

Complementary

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



2A9339



932A84

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.



D84B92



2A9339



6078E4

Square

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



2A9339



0095D3



B160C3



CB622C

Rectangle

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



2A9339



009994



B160C3



DF496E

Sweetspot

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



2A9339



97BF9D



85932A



49614C



E0E0E0



616161

Same Dimension

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



2A9339



1BBF32



2A936D



434A44



008A14



000A01

Inverse Universe

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



932A84



BF1BA8



932A51



4A4349



8A0076



0A0009

Previews

White Background



This preview shows how the Hex color 2A9339 looks on a white background.

Color Contrast Check

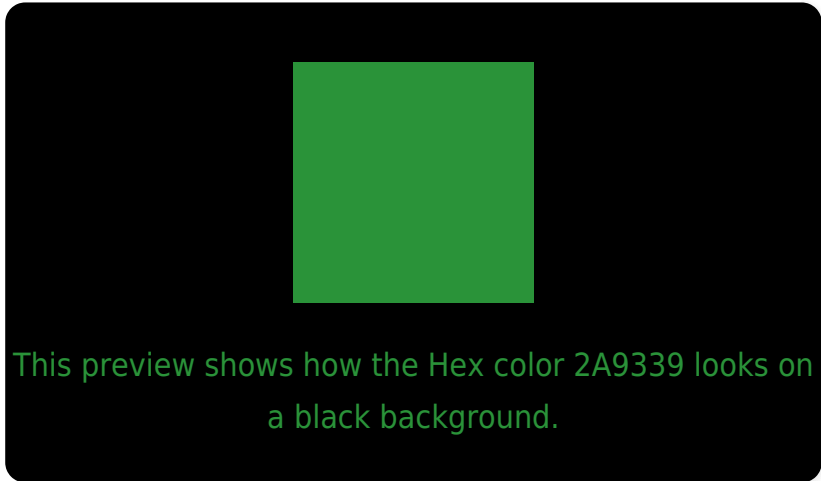
Large Text (above 18pt) WCAG AA ✓ Pass

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

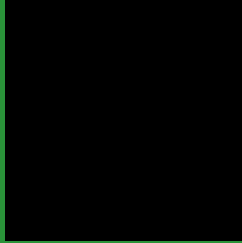
Any Text WCAG AA ✓ Pass

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 2A9339 Background



This preview shows how black text looks on a background with the Hex color 2A9339.




This preview shows how white text looks on a background with the Hex color 2A9339.

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](#).

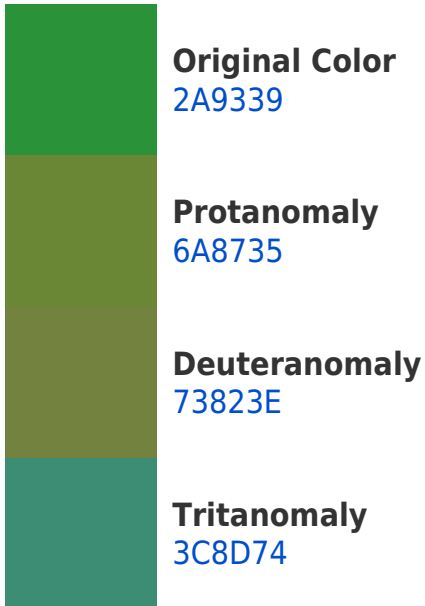
Dichromacy





Tritanopia
468A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A9339 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 #2A9339 looks like.

```
.text, #text, p{  
    color:#2A9339  
}
```

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 #2A9339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A9339
}
```

Border

The CSS property to change the border of an element to Hex 2A9339 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
#2A9339 }
```

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

```
.border{ border-color:#2A9339 }
```

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

Here you see how a box with a 4 pixel #2A9339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A9339; -webkit-box-shadow:4px 4px  
4px 4px #2A9339; box-shadow:4px 4px 4px  
4px #2A9339 }
```

Background

The CSS property to change the background color of an element to Hex 2A9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A9339 }
```

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

```
.background{ background-color:#2A9339 }
```

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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