

Converting Colors

Hex(2B9369)

Have a look what the booklet for
Hex(2B9369) contains.

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Color

Hex(2B9369)

Conversions

Conversions Part 1

Format	Color
Hex	2B9369
RGB	43, 147, 105
RGB Percent	17%, 58%, 41%
CMY	0.8314, 0.4235, 0.5882
CMYK	0.71, 0.00, 0.29, 0.42
HSL	156°, 55%, 37%
HSV	156°, 71%, 58%
XYZ	13.9798, 22.4009, 16.9516
YIQ	111.1160, -48.5020, -35.1100

Conversions

Conversions Part 2

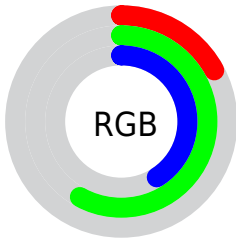
Format	Color
R_{YB}	43, 108, 147
Decimal	2855785
CIE _{Lab}	54.45, -39.73, 13.87
CIE _{LCh}	54, 42.084, 160.752
Yxy	22.4009, 0.2621, 0.4200
Android (android.graphics.Color)	4281045865 (0xFF2B9369)
YUV	111.1160, -3.0152, -59.7377
Hunter-Lab	47.3296, -30.1032, 11.8954

Details

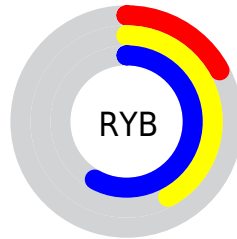
The Hex color **2B9369** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **932B55**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **67CA9C**, and **005F3A** is the 20% darker color. If you saturate the color by 10%, you get **1C9363**, and if you desaturate by 10%, it is **3A936F**.

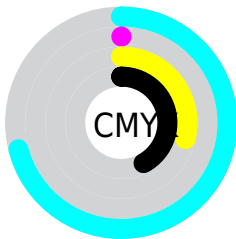
Distribution



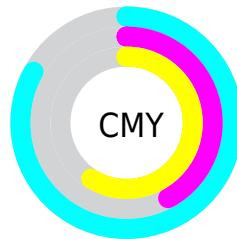
- Red (17%)
- Green (58%)
- Blue (41%)



- Red (17%)
- Yellow (42%)
- Blue (58%)



- Cyan (71%)
- Magenta (0%)
- Yellow (29%)
- Black (42%)



- Cyan (83%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B9369 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 2B9369 by changing the saturation by 10% instead.



2B9369



2B9369

FFFFFF



007951



67CA9C



005F3A



83E6B7



004724



9FFFD3



002F0F



BCFFE9



001800



D9FFFF



000000



F6FFFF



2B9369



2B9369



1C9363



3A936F

■ 0E935D

■ 489375

■ 009358

■ 57937B

■ 669381

■ 749387

■ 83938D

■ 929393

■ A19398

■ AF939E

Harmonies

Analogous

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



638E49



2B9369



00958F

Triad

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



2B9369



5C82CA



C16B55

Complementary

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



2B9369



932B55

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.



C76376



2B9369



9674BA

Square

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



2B9369



008DC6



B9679B



AB783D

Rectangle

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



2B9369



0094A6



B9679B



C4675F

Sweetspot

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



2B9369



97BFAF



56932B



496157



E0E0E0



616161

Same Dimension

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



2B9369



1DBF7E



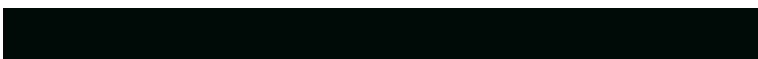
2B8A93



434A47



008A52



000A06

Inverse Universe

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



932B55



BF1D5E



93342B



4A4346



8A0038



0A0004

Previews

White Background



This preview shows how the Hex color 2B9369 looks on a white background.

Color Contrast Check

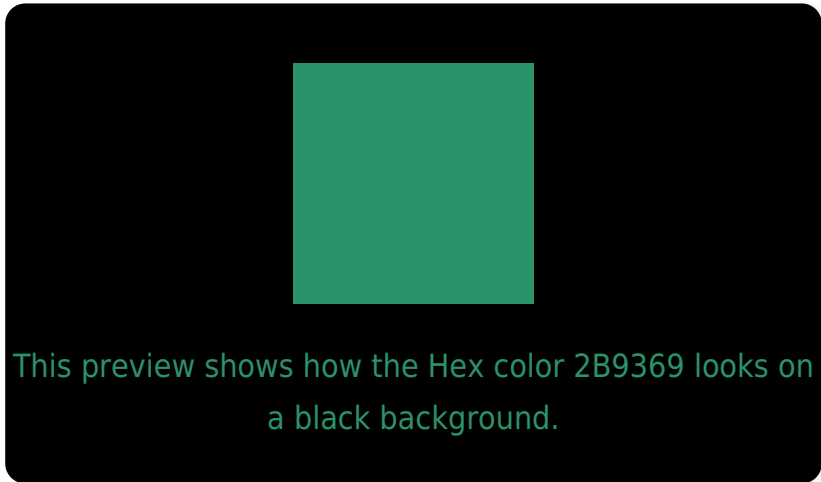
Large Text (above 18pt) WCAG AA ✓ Pass

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

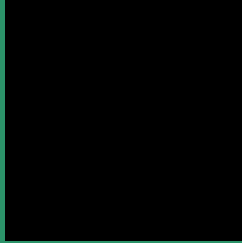
Any Text WCAG AA ✓ Pass

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 2B9369 Background



This preview shows how black text looks on a background with the Hex color 2B9369.



This preview shows how white text looks on a background with the Hex color 2B9369.

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
2B9369

Protanopia
8B8161

Deuteranopia
957C6E



Tritanopia
3F8D98

Trichromacy



Original Color
2B9369



Protanomaly
688864



Deuteranomaly
6E846C



Tritanomaly
388F87

Monochromacy



Original Color
2B9369



Achromatopsia
6F6F6F



Achromatomaly
567C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B9369 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 #2B9369 looks like.

```
.text, #text, p{  
    color:#2B9369  
}
```

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 #2B9369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B9369
}
```

Border

The CSS property to change the border of an element to Hex 2B9369 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
#2B9369 }
```

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

```
.border{ border-color:#2B9369 }
```

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

Here you see how a box with a 4 pixel #2B9369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B9369; -webkit-box-shadow:4px 4px  
4px 4px #2B9369; box-shadow:4px 4px 4px  
4px #2B9369 }
```

Background

The CSS property to change the background color of an element to Hex 2B9369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B9369 }
```

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

```
.background{ background-color:#2B9369 }
```

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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