

Converting Colors

Hex(2B9CAB)

Have a look what the booklet for
Hex(2B9CAB) contains.

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Color

Hex(2B9CAB)

Conversions

Conversions Part 1

Format	Color
Hex	2B9CAB
RGB	43, 156, 171
RGB Percent	17%, 61%, 67%
CMY	0.8314, 0.3882, 0.3294
CMYK	0.75, 0.09, 0.00, 0.33
HSL	187°, 60%, 42%
HSV	187°, 75%, 67%
XYZ	20.2354, 27.2308, 42.7176
YIQ	123.9230, -72.1630, -19.2910

Conversions

Conversions Part 2

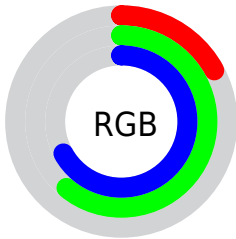
Format	Color
R_{YB}	43, 103, 171
Decimal	2858155
CIE _{Lab}	59.19, -25.53, -16.78
CIE _{LCh}	59, 30.547, 213.319
Yxy	27.2308, 0.2244, 0.3019
Android (android.graphics.Color)	4281048235 (0xFF2B9CAB)
YUV	123.9230, 23.2090, -70.9695
Hunter-Lab	52.1831, -22.1023, -12.0072

Details

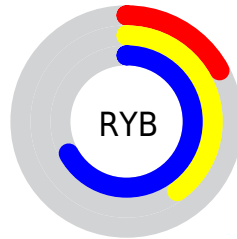
The Hex color **2B9CAB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB3A2B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6DD3E2**, and **006877** is the 20% darker color. If you saturate the color by 10%, you get **1A9AAB**, and if you desaturate by 10%, it is **3C9EAB**.

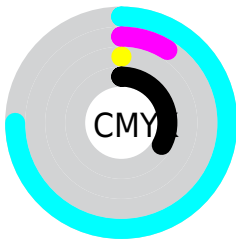
Distribution



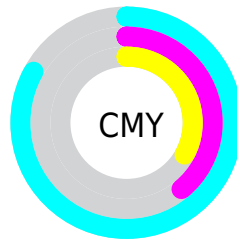
- Red (17%)
- Green (61%)
- Blue (67%)



- Red (17%)
- Yellow (40%)
- Blue (67%)



- Cyan (75%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (83%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B9CAB 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 2B9CAB by changing the saturation by 10% instead.

 2B9CAB

 2B9CAB

FFFFFF

 008290

 6DD3E2

 006877

 8AEFFF

 00505E

 A8FFFF

 003846

 C5FFFF

 002330

 E3FFFF

 00011C

 000000

 2B9CAB

 2B9CAB

 1A9AAB

 3C9EAB

0998AB

4DA0AB

0097AB

5EA2AB

6FA4AB

80A6AB

92A8AB

A3AAAB

B4ACAB

C5AEAB

Harmonies

Analogous

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



409D91



2B9CAB



4398BE

Triad

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



2B9CAB



B37EA7



9E8E59

Complementary

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



2B9CAB



AB3A2B

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.



B4855F



2B9CAB



C27A8C

Square

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



2B9CAB



9686BB



C27D72



819661

Rectangle

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



2B9CAB



5F93C3



C27D72



A68B59

Sweetspot

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



2B9CAB



ADD8DE



2BAB3A



536D70



F0F0F0



707070

Same Dimension

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



2B9CAB



16C6DE



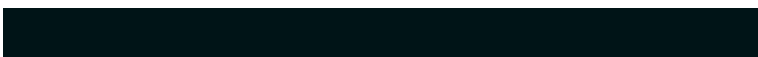
2B5CAB



4E5657



008596



001417

Inverse Universe

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



AB2B9C



DE16C6



AB7A2B



574E56



960085



170014

Previews

White Background



This preview shows how the Hex color 2B9CAB looks on a white background.

Color Contrast Check

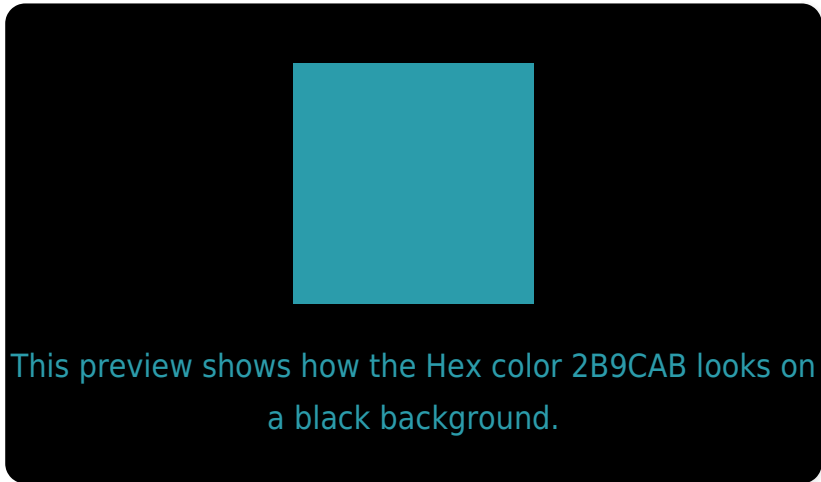
Large Text (above 18pt) WCAG AA ✓ Pass

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

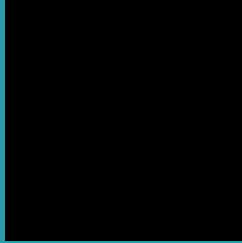
Any Text WCAG AA ✓ Pass

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 2B9CAB Background



This preview shows how black text looks on a background with the Hex color 2B9CAB.

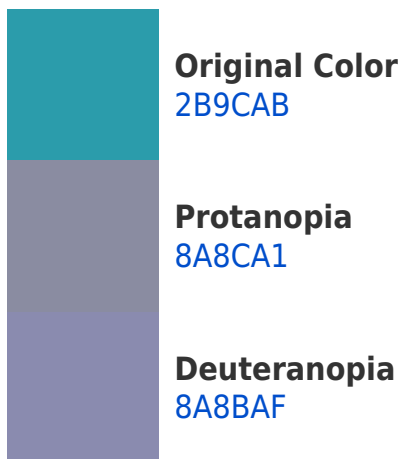


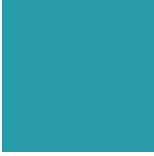
This preview shows how white text looks on a background with the Hex color 2B9CAB.

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](#).

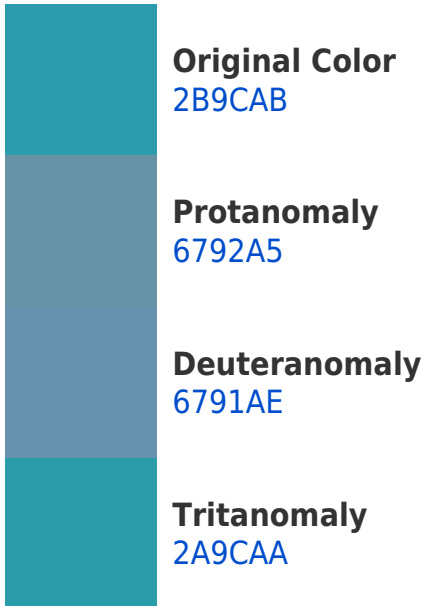
Dichromacy





Tritanopia
299CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B9CAB 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 #2B9CAB looks like.

```
.text, #text, p{  
    color:#2B9CAB  
}
```

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 #2B9CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B9CAB
}
```

Border

The CSS property to change the border of an element to Hex 2B9CAB 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
#2B9CAB }
```

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

```
.border{ border-color:#2B9CAB }
```

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

Here you see how a box with a 4 pixel #2B9CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B9CAB; -webkit-box-shadow:4px 4px  
4px 4px #2B9CAB; box-shadow:4px 4px 4px  
4px #2B9CAB }
```

Background

The CSS property to change the background color of an element to Hex 2B9CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B9CAB }
```

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

```
.background{ background-color:#2B9CAB }
```

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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