

Converting Colors

Hex(29B4A9)

Have a look what the booklet for
Hex(29B4A9) contains.

Hex(29B4A9)	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(29B4A9)

Conversions

Conversions Part 1

Format	Color
Hex	29B4A9
RGB	41, 180, 169
RGB Percent	16%, 71%, 66%
CMY	0.8392, 0.2941, 0.3373
CMYK	0.77, 0.00, 0.06, 0.29
HSL	175°, 63%, 43%
HSV	175°, 77%, 71%
XYZ	24.3971, 35.9785, 43.1948
YIQ	137.1850, -79.3130, -32.8890

Conversions

Conversions Part 2

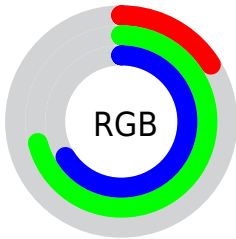
Format	Color
RYB	41, 113, 180
Decimal	2733225
CIELab	66.50, -37.86, -4.71
CIELCh	67, 38.147, 187.090
Yxy	35.9785, 0.2356, 0.3474
Android (android.graphics.Color)	4280923305 (0xFF29B4A9)
YUV	137.1850, 15.6848, -84.3542
Hunter-Lab	59.9821, -32.3655, -0.7089

Details

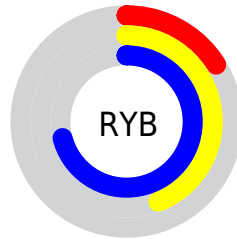
The Hex color **29B4A9** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B42934**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6FECE0**, and **007E75** is the 20% darker color. If you saturate the color by 10%, you get **17B4A8**, and if you desaturate by 10%, it is **3BB4AA**.

Distribution



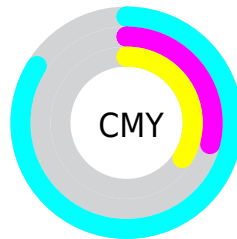
- Red (16%)
- Green (71%)
- Blue (66%)



- Red (16%)
- Yellow (44%)
- Blue (71%)



- Cyan (77%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (84%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29B4A9 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 29B4A9 by changing the saturation by 10% instead.

 29B4A9

 29B4A9

FFFFFF

 00998F

 6FECE0

 007E75

 8DFFFD

 00655C

 ABFFFF

 004C45

 C9FFFF

 00342F

 E7FFFF

 001F1A

 000000

 29B4A9

 29B4A9

 17B4A8

 3BB4AA

05B4A6

4DB4AC

00B4A6

5FB4AD

71B4AF

83B4B0

95B4B2

A7B4B3

B9B4B4

CBB4B6

Harmonies

Analogous

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



60B286



29B4A9



00B2CA

Triad

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



29B4A9



B096D9



CE9763

Complementary

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



29B4A9



B42934

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.



E18C7A



29B4A9



D38BBD

Square

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



29B4A9



7CA2E5



E3879B



B0A25D

Rectangle

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



29B4A9



1EAFDA



E3879B



D69369

Sweetspot

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



29B4A9



B5EBE6



35B429



547573



F5F5F5



757575

Same Dimension

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



29B4A9



10EBD9



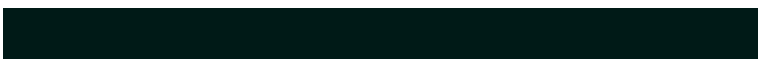
297AB4



505959



00998D



001A17

Inverse Universe

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



B42934



EB1022



B46329



595051



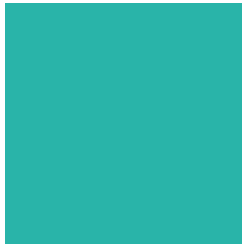
99000C



1A0002

Previews

White Background



This preview shows how the Hex color 29B4A9 looks on a white background.

Color Contrast Check

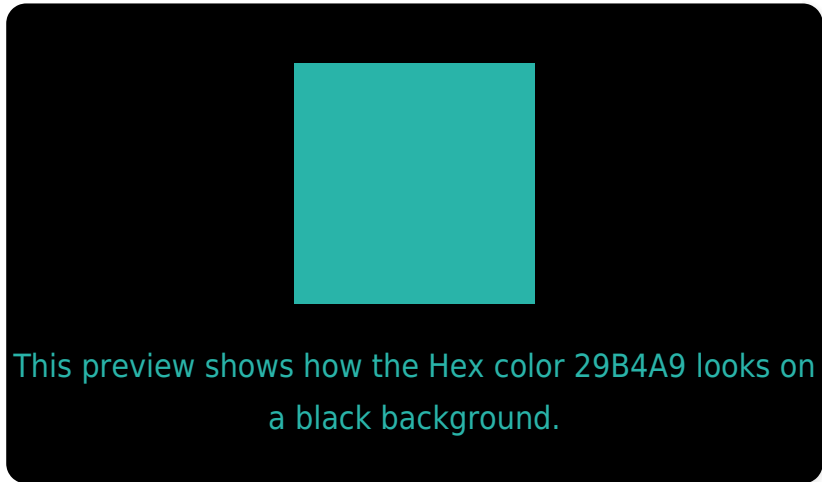
Large Text (above 18pt) WCAG AA × Fail

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

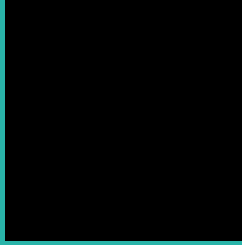
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

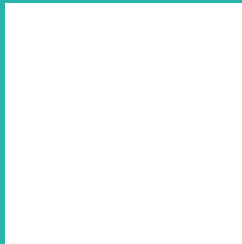
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 29B4A9 Background



This preview shows how black text looks on a background with the Hex color 29B4A9.

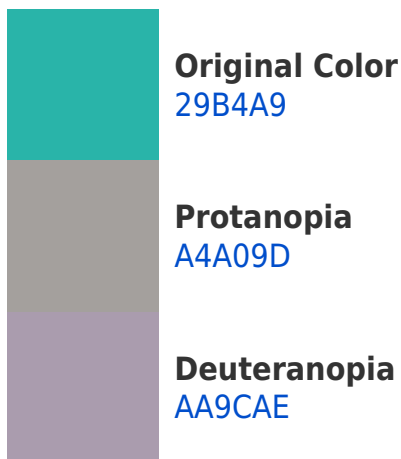


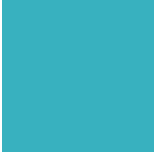
This preview shows how white text looks on a background with the Hex color 29B4A9.

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
38B1BF

Trichromacy



Original Color
29B4A9



Protanomaly
77A7A1



Deuteranomaly
7BA5AC



Tritanomaly
33B2B7

Monochromacy



Original Color
29B4A9



Achromatopsia
898989



Achromatomaly
669995

CSS Examples

Text

The CSS property to change the color of the text to Hex 29B4A9 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 #29B4A9 looks like.

```
.text, #text, p{  
    color:#29B4A9  
}
```

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 #29B4A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29B4A9
}
```

Border

The CSS property to change the border of an element to Hex 29B4A9 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
#29B4A9 }
```

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

```
.border{ border-color:#29B4A9 }
```

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

Here you see how a box with a 4 pixel #29B4A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29B4A9; -webkit-box-shadow:4px 4px  
4px 4px #29B4A9; box-shadow:4px 4px 4px  
4px #29B4A9 }
```

Background

The CSS property to change the background color of an element to Hex 29B4A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29B4A9 }
```

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

```
.background{ background-color:#29B4A9 }
```

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