

Converting Colors

Hex(29A8A2)

Have a look what the booklet for
Hex(29A8A2) contains.

Hex(29A8A2)	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(29A8A2)

Conversions

Conversions Part 1

Format	Color
Hex	29A8A2
RGB	41, 168, 162
RGB Percent	16%, 66%, 64%
CMY	0.8392, 0.3412, 0.3647
CMYK	0.76, 0.00, 0.04, 0.34
HSL	177°, 61%, 41%
HSV	177°, 76%, 66%
XYZ	21.4387, 31.0853, 39.0525
YIQ	129.3430, -73.7660, -28.7900

Conversions

Conversions Part 2

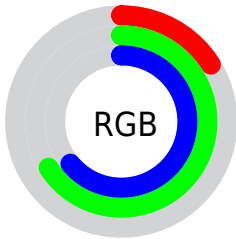
Format	Color
RYB	41, 106, 168
Decimal	2730146
CIELab	62.58, -34.34, -6.62
CIElCh	63, 34.975, 190.907
Yxy	31.0853, 0.2341, 0.3394
Android (android.graphics.Color)	4280920226 (0xFF29A8A2)
YUV	129.3430, 16.0999, -77.4768
Hunter-Lab	55.7542, -28.9328, -2.5012

Details

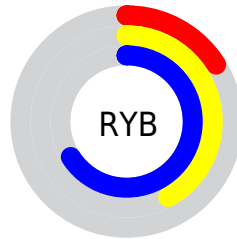
The Hex color **29A8A2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A8292F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6CE0D9**, and **00736E** is the 20% darker color. If you saturate the color by 10%, you get **18A8A1**, and if you desaturate by 10%, it is **3AA8A3**.

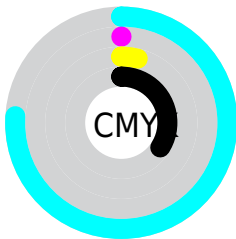
Distribution



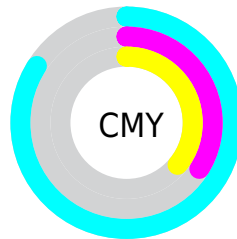
- Red (16%)
- Green (66%)
- Blue (64%)



- Red (16%)
- Yellow (42%)
- Blue (66%)



- Cyan (76%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (84%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A8A2 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 29A8A2 by changing the saturation by 10% instead.

 29A8A2

 29A8A2

FFFFFF

 008D88

 6CE0D9

 00736E

 8AFDF5

 005A56

 A8FFFF

 00423F

 C5FFFF

 002B29

 E3FFFF

 001115

 000000

 29A8A2

 29A8A2

 18A8A1

 3AA8A3

07A8A0

4BA8A4

00A8A0

5BA8A4

6CA8A5

7DA8A6

8EA8A7

9FA8A8

AFA8A8

C0A8A9

Harmonies

Analogous

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



57A682



29A8A2



09A6BF

Triad

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



29A8A2



A98BC6



BD8F5D

Complementary

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



29A8A2



A8292F

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.



CF8470



29A8A2



C782AC

Square

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



29A8A2



7D97D4



D47F8D



A19959

Rectangle

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



29A8A2



32A2CD



D47F8D



C48B62

Sweetspot

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



29A8A2



A9DBD9



2FA829



4F6E6C



EDEDED



6E6E6E

Same Dimension

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



29A8A2



14DBD2



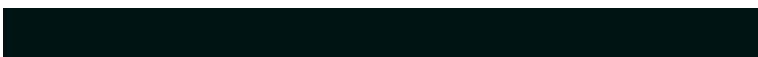
296FA8



4C5454



00948D



001413

Inverse Universe

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



A8292F



DB141D



A86229



544C4C



940007



140001

Previews

White Background



This preview shows how the Hex color 29A8A2 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



This preview shows how the Hex color 29A8A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

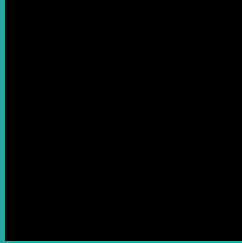
Any Text WCAG AA ✓ Pass

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 29A8A2 Background



This preview shows how black text looks on a background with the Hex color 29A8A2.

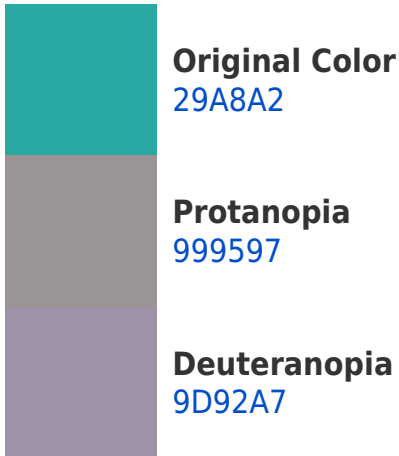


This preview shows how white text looks on a background with the Hex color 29A8A2.

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](#).

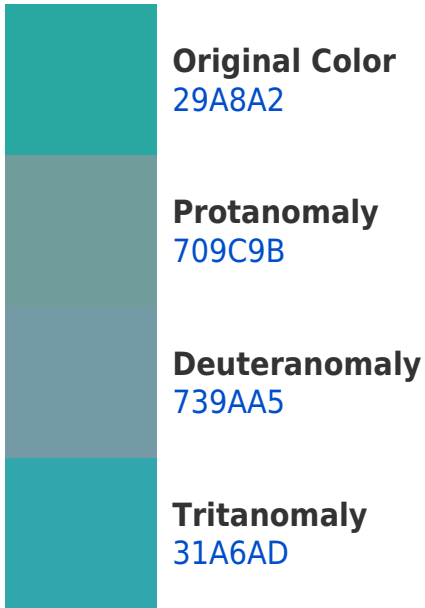
Dichromacy



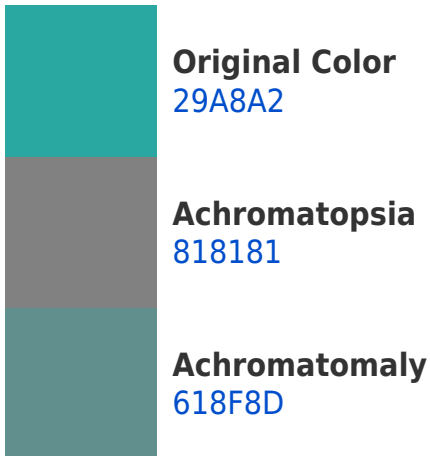


Tritanopia
35A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29A8A2 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 #29A8A2 looks like.

```
.text, #text, p{  
    color:#29A8A2  
}
```

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 #29A8A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A8A2
}
```

Border

The CSS property to change the border of an element to Hex 29A8A2 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
#29A8A2 }
```

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

```
.border{ border-color:#29A8A2 }
```

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

Here you see how a box with a 4 pixel #29A8A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A8A2; -webkit-box-shadow:4px 4px  
4px 4px #29A8A2; box-shadow:4px 4px 4px  
4px #29A8A2 }
```

Background

The CSS property to change the background color of an element to Hex 29A8A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A8A2 }
```

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

```
.background{ background-color:#29A8A2 }
```

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