

# Converting Colors

Hex(29A7A2)

Have a look what the booklet for  
Hex(29A7A2) contains.

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# Color

Hex(29A7A2)

# Conversions

## Conversions Part 1

Format	Color
Hex	29A7A2
RGB	41, 167, 162
RGB Percent	16%, 65%, 64%
CMY	0.8392, 0.3451, 0.3647
CMYK	0.75, 0.00, 0.03, 0.35
HSL	178°, 61%, 41%
HSV	178°, 75%, 65%
XYZ	21.2548, 30.7175, 38.9912
YIQ	128.7560, -73.4910, -28.2670

# Conversions

## Conversions Part 2

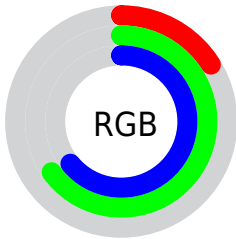
Format	Color
<a href="#">RYB</a>	<a href="#">41, 105, 167</a>
Decimal	<a href="#">2729890</a>
CIELab	<a href="#">62.27, -33.88, -7.08</a>
CIELCh	<a href="#">62, 34.607, 191.805</a>
Yxy	<a href="#">30.7175, 0.2337, 0.3377</a>
Android (android.graphics.Color)	<a href="#">4280919970</a> ( <a href="#">0xFF29A7A2</a> )
YUV	<a href="#">128.7560, 16.3893, -76.9620</a>
Hunter-Lab	<a href="#">55.4234, -28.5365, -2.9151</a>

# Details

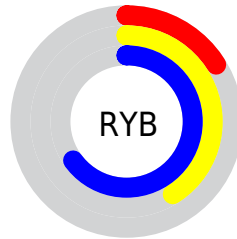
The Hex color **29A7A2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A7292E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6CDFD9**, and **00726E** is the 20% darker color. If you saturate the color by 10%, you get **18A7A1**, and if you desaturate by 10%, it is **3AA7A3**.

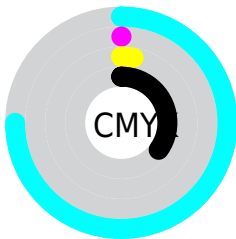
# Distribution



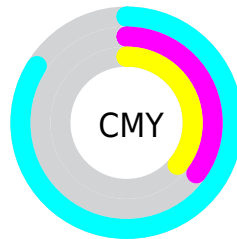
- Red (16%)
- Green (65%)
- Blue (64%)



- Red (16%)
- Yellow (41%)
- Blue (65%)



- Cyan (75%)
- Magenta (0%)
- Yellow (3%)
- Black (35%)



- Cyan (84%)
- Magenta (35%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29A7A2 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 29A7A2 by changing the saturation by 10% instead.



 29A7A2

 29A7A2

FFFFFF

 008C88

 6CDFD9

 00726E

 8AFBF5

 005956

 A8FFFF

 00413F

 C5FFFF

 002A29

 E3FFFF

 001015

 000000

 29A7A2

 29A7A2

 18A7A1

 3AA7A3

08A7A1

4AA7A3

00A7A0

5BA7A4

6CA7A5

7CA7A5

8DA7A6

9EA7A7

AFA7A7

BFA7A8

# Harmonies

## Analogous

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



56A682



29A7A2



10A5BE

# Triad

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



29A7A2



AA8AC4



BB8E5C

# Complementary

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



29A7A2



A7292E

# 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.



CD846F



29A7A2



C781AA

# Square

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



29A7A2



7E95D2



D27F8B



9F995A

# Rectangle

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



29A7A2



35A1CC



D27F8B



C28B61



# Sweetspot

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



29A7A2



A7D9D7



2FA729



4F6E6C



EDEDED



6E6E6E



# Same Dimension

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



29A7A2



14D9D1



296EA7



4C5454



00948E



001414



# Inverse Universe

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



A7292E



D9141B



A76229



544C4C



940006

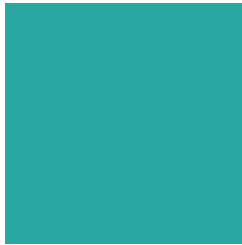


140001



# Previews

## White Background



This preview shows how the Hex color 29A7A2 looks on a white background.

## Color Contrast Check

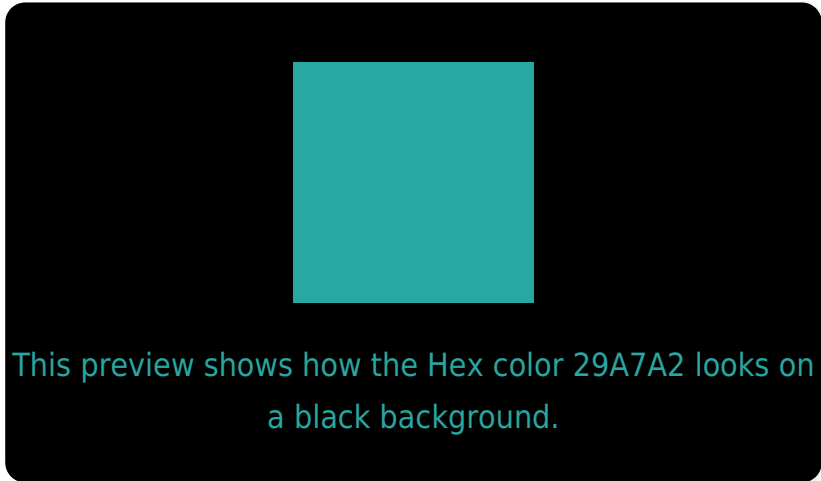
Large Text (above 18pt) WCAG AA × Fail

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

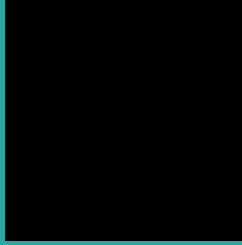
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 29A7A2 Background



This preview shows how black text looks on a background with the Hex color 29A7A2.

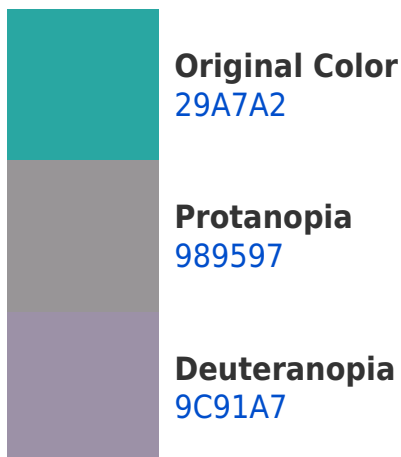


This preview shows how white text looks on a background with the Hex color 29A7A2.

# 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**  
34A5B2

# Trichromacy



**Original Color**  
29A7A2



**Protanomaly**  
709C9B



**Deuteranomaly**  
7299A5



**Tritanomaly**  
30A6AC

# Monochromacy



**Original Color**  
29A7A2



**Achromatopsia**  
818181



**Achromatomaly**  
618F8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29A7A2 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 #29A7A2 looks like.

```
.text, #text, p{  
    color:#29A7A2  
}
```

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 #29A7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A7A2
}
```

## Border

The CSS property to change the border of an element to Hex 29A7A2 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
#29A7A2 }
```

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

```
.border{ border-color:#29A7A2 }
```

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

Here you see how a box with a 4 pixel #29A7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A7A2; -webkit-box-shadow:4px 4px  
4px 4px #29A7A2; box-shadow:4px 4px 4px  
4px #29A7A2 }
```

# Background

The CSS property to change the background color of an element to Hex 29A7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A7A2 }
```

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

```
.background{ background-color:#29A7A2 }
```

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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