

# Converting Colors

Hex(2DA29D)

Have a look what the booklet for  
Hex(2DA29D) contains.

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# Color

**Hex(2DA29D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DA29D
RGB	45, 162, 157
RGB Percent	18%, 64%, 62%
CMY	0.8235, 0.3647, 0.3843
CMYK	0.72, 0.00, 0.03, 0.36
HSL	177°, 57%, 41%
HSV	177°, 72%, 64%
XYZ	20.0883, 28.8329, 36.4048
YIQ	126.4470, -68.1270, -26.3590

# Conversions

## Conversions Part 2

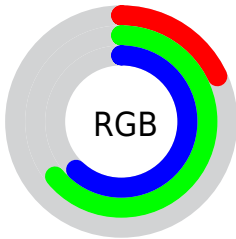
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 105, 162
Decimal	2990749
CIE Lab	60.63, -32.49, -6.69
CIE LCh	61, 33.167, 191.629
Yxy	28.8329, 0.2354, 0.3379
Android (android.graphics.Color)	4281180829 (0xFF2DA29D)
YUV	126.4470, 15.0626, -71.4290
Hunter-Lab	53.6962, -27.1897, -2.6099

# Details

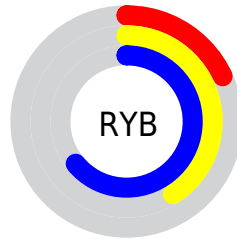
The Hex color **2DA29D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A22D32**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6DD9D3**, and **006E6A** is the 20% darker color. If you saturate the color by 10%, you get **1DA29C**, and if you desaturate by 10%, it is **3DA29E**.

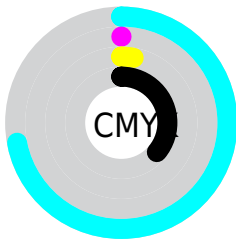
# Distribution



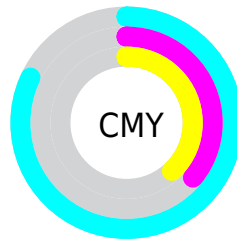
- Red (18%)
- Green (64%)
- Blue (62%)



- Red (18%)
- Yellow (41%)
- Blue (64%)



- Cyan (72%)
- Magenta (0%)
- Yellow (3%)
- Black (36%)



- Cyan (82%)
- Magenta (36%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DA29D 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 2DA29D by changing the saturation by 10% instead.



 2DA29D

 2DA29D

FFFFFF

 008783

 6DD9D3

 006E6A

 8BF6F0

 005552

 A8FFFF

 003D3B

 C5FFFF

 002725

 E3FFFF

 000511

 000000

 2DA29D

 2DA29D

 1DA29C

 3DA29E

0DA29C

4DA29E

00A29B

5EA29F

6EA2A0

7EA2A0

8EA2A1

9EA2A2

AFA2A3

BFA2A3

# Harmonies

## Analogous

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



56A17F



2DA29D



1BA0B8

# Triad

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



2DA29D



A487BE



B58A5B

# Complementary

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



2DA29D



A22D32

# 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.



C7816D



2DA29D



C07EA5

# Square

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



2DA29D



7B91CB



CB7C88



9A9458

# Rectangle

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



2DA29D



379DC5



CB7C88



BC875F



# Sweetspot

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



2DA29D



A5D4D2



33A22D



4F6B6A



EBEBEB



6B6B6B



# Same Dimension

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



2DA29D



1CD4CC



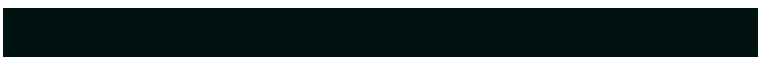
2D6DA2



495251



00918B



001211



# Inverse Universe

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



A22D32



D41C23



A2622D



52494A



910006

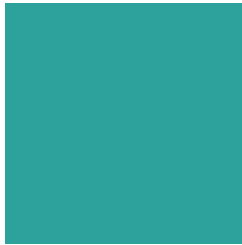


120001



# Previews

## White Background



This preview shows how the Hex color 2DA29D looks on a white background.

## Color Contrast Check

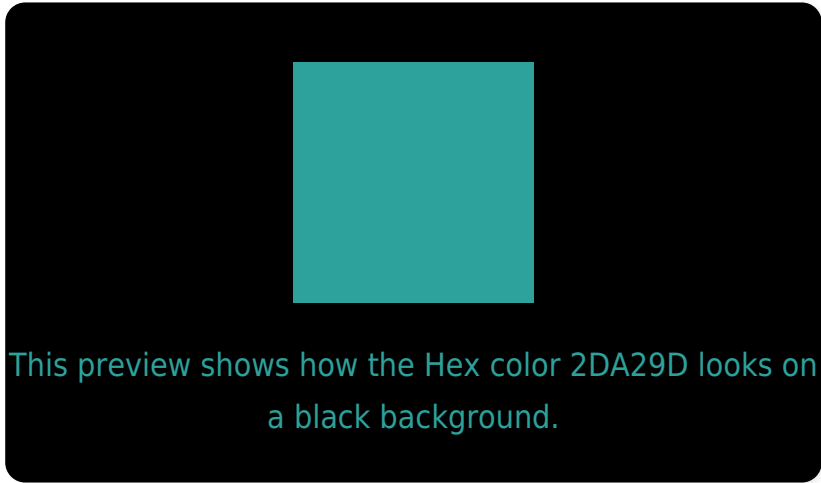
Large Text (above 18pt) WCAG AA ✓ Pass

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 2DA29D Background



This preview shows how black text looks on a background with the Hex color 2DA29D.

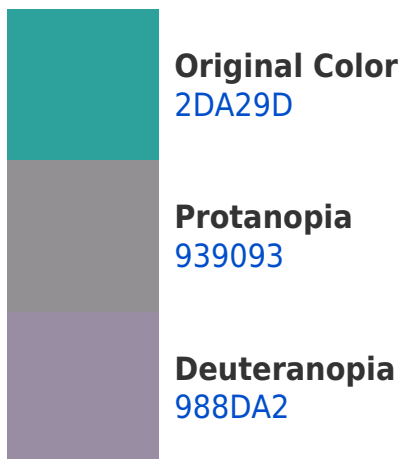


This preview shows how white text looks on a background with the Hex color 2DA29D.

# 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**  
37A0AD

# Trichromacy



**Original Color**  
2DA29D



**Protanomaly**  
6E9797



**Deuteranomaly**  
7195A0



**Tritanomaly**  
33A1A7

# Monochromacy



**Original Color**  
2DA29D



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
618B89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DA29D 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 #2DA29D looks like.

```
.text, #text, p{  
    color:#2DA29D  
}
```

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 #2DA29D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA29D  
}
```

## Border

The CSS property to change the border of an element to Hex 2DA29D 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  
#2DA29D }
```

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

```
.border{ border-color:#2DA29D }
```

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

Here you see how a box with a 4 pixel #2DA29D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA29D; -webkit-box-shadow:4px 4px  
4px 4px #2DA29D; box-shadow:4px 4px 4px  
4px #2DA29D }
```

# Background

The CSS property to change the background color of an element to Hex 2DA29D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA29D }
```

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

```
.background{ background-color:#2DA29D }
```

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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