

# Converting Colors

Hex(279DAA)

Have a look what the booklet for  
Hex(279DAA) contains.

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**Color**

**Hex(279DAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	279DAA
RGB	39, 157, 170
RGB Percent	15%, 62%, 67%
CMY	0.8471, 0.3843, 0.3333
CMYK	0.77, 0.08, 0.00, 0.33
HSL	186°, 63%, 41%
HSV	186°, 77%, 67%
XYZ	20.1494, 27.4476, 42.2661
YIQ	123.2000, -74.5010, -20.9730

# Conversions

## Conversions Part 2

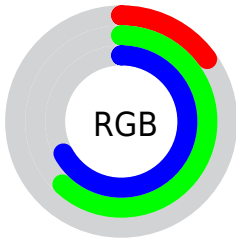
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 101, 170
Decimal	2596266
CIELab	59.39, -26.81, -15.92
CIElCh	59, 31.178, 210.703
Yxy	27.4476, 0.2242, 0.3054
Android (android.graphics.Color)	4280786346 (0xFF279DAA)
YUV	123.2000, 23.0724, -73.8434
Hunter-Lab	52.3904, -23.0321, -11.1591

# Details

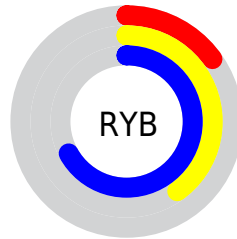
The Hex color **279DAA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA3427**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6BD4E1**, and **006976** is the 20% darker color. If you saturate the color by 10%, you get **169BAA**, and if you desaturate by 10%, it is **389FAA**.

# Distribution



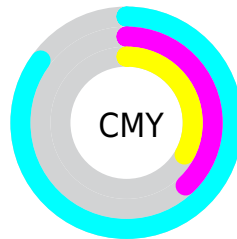
- Red (15%)
- Green (62%)
- Blue (67%)



- Red (15%)
- Yellow (40%)
- Blue (67%)



- Cyan (77%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (85%)
- Magenta (38%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 279DAA 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 279DAA by changing the saturation by 10% instead.



 279DAA

 279DAA

FFFFFF

 008390

 6BD4E1

 006976

 88F0FE

 00515D

 A6FFFF

 003946

 C4FFFF

 00242F

 E1FFFF

 00011B

 000000

 279DAA

 279DAA

 169BAA

 389FAA

059AAA

49A0AA

0099AA

5AA2AA

6BA4AA

7CA5AA

8DA7AA

9EA9AA

AFAAAA

C0ACAA

# Harmonies

## Analogous

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



419E8F



279DAA



3D99BE

# Triad

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



279DAA



B27FAA



A18E58

# Complementary

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



279DAA



AA3427

# 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.



B78460



279DAA



C37A8F

# Square

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



279DAA



9388BE



C47C74



84965F

# Rectangle

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



279DAA



5A94C5



C47C74



A98A59



# Sweetspot

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



279DAA



ABD9DE



27AA32



516D70



F0F0F0



707070



# Same Dimension

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



279DAA



12CADE



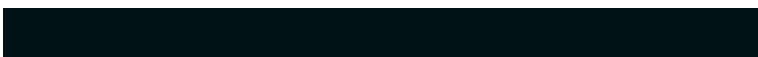
275EAA



4C5354



008594



001214



# Inverse Universe

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



AA279D



DE12CA



AA7327



544C53



940085



140012



# Previews

## White Background



This preview shows how the Hex color 279DAA looks on a white background.

## Color Contrast Check

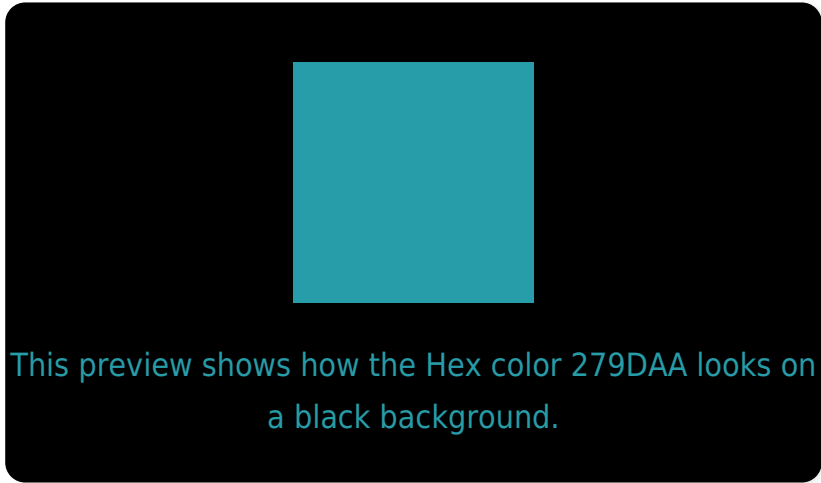
Large Text (above 18pt) WCAG AA ✓ Pass

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

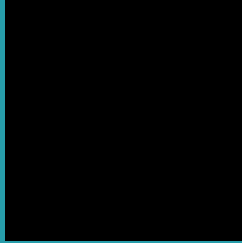
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 279DAA Background



This preview shows how black text looks on a background with the Hex color 279DAA.

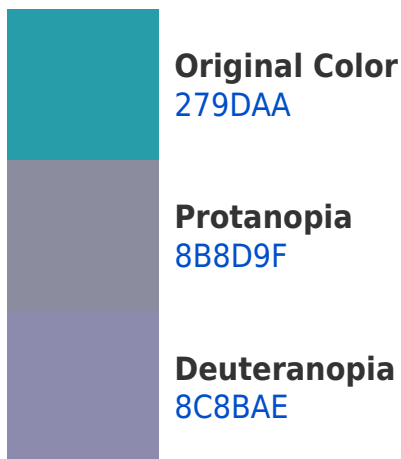


This preview shows how white text looks on a background with the Hex color 279DAA.

# 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](#).

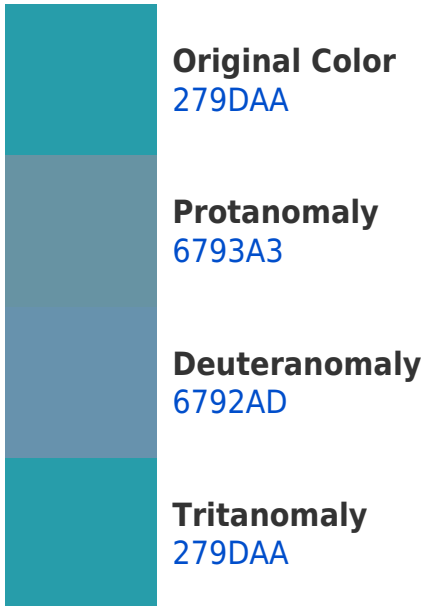
## Dichromacy





**Tritanopia**  
279DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 279DAA 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 #279DAA looks like.

```
.text, #text, p{  
    color:#279DAA  
}
```

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 #279DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #279DAA
}
```

## Border

The CSS property to change the border of an element to Hex 279DAA 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
#279DAA }
```

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

```
.border{ border-color:#279DAA }
```

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

Here you see how a box with a 4 pixel #279DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #279DAA; -webkit-box-shadow:4px 4px  
4px 4px #279DAA; box-shadow:4px 4px 4px  
4px #279DAA }
```

# Background

The CSS property to change the background color of an element to Hex 279DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#279DAA }
```

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

```
.background{ background-color:#279DAA }
```

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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