

# Converting Colors

Hex(279D7F)

Have a look what the booklet for  
Hex(279D7F) contains.

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# Color

Hex(279D7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	279D7F
RGB	39, 157, 127
RGB Percent	15%, 62%, 50%
CMY	0.8471, 0.3843, 0.5020
CMYK	0.75, 0.00, 0.19, 0.38
HSL	165°, 60%, 38%
HSV	165°, 75%, 62%
XYZ	16.7244, 26.0776, 24.2307
YIQ	118.2980, -60.6980, -34.3460

# Conversions

## Conversions Part 2

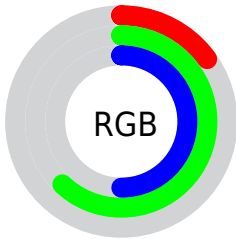
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 107, 157
Decimal	2596223
CIELab	58.11, -39.26, 6.58
CIELCh	58, 39.807, 170.488
Yxy	26.0776, 0.2495, 0.3890
Android (android.graphics.Color)	4280786303 (0xFF279D7F)
YUV	118.2980, 4.2901, -69.5443
Hunter-Lab	51.0662, -30.9062, 7.6135

# Details

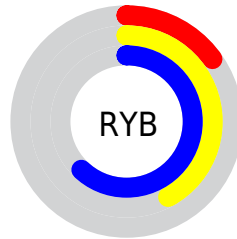
The Hex color **279D7F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9D2745**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **67D4B4**, and **00694E** is the 20% darker color. If you saturate the color by 10%, you get **179D7B**, and if you desaturate by 10%, it is **379D83**.

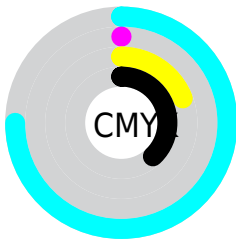
# Distribution



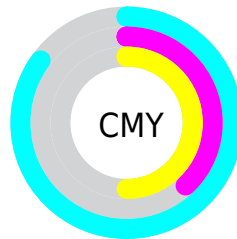
- Red (15%)
- Green (62%)
- Blue (50%)



- Red (15%)
- Yellow (42%)
- Blue (62%)



- Cyan (75%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (85%)
- Magenta (38%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 279D7F 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 279D7F by changing the saturation by 10% instead.



 279D7F

 279D7F

FFFFFF

 008266

 67D4B4

 00694E

 84F1CF

 005037

 A1FFEB

 003822

 BEFFFF

 00230C


 DBFFFF

 000000

 F9FFFF

 279D7F

 279D7F

 179D7B

 379D83

089D77

469D87

009D75

569D8B

669D8F

769D93

859D97

959D9B

A59D9F

B49DA3

# Harmonies

## Analogous

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



61995E



279D7F



009EA3

# Triad

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



279D7F



7E87CD



C37957

# Complementary

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



279D7F



9D2745

# 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.



CE7075



279D7F



AC7AB8

# Square

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



279D7F



3693D0



C77098



AB8646

# Rectangle

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



279D7F



009CB8



C77098



C97660



# Sweetspot

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



279D7F



9DCCC0



469D27



49665F



E6E6E6



666666



# Same Dimension

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



279D7F



14CC9D



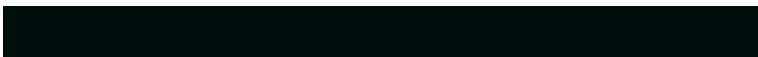
27819D



474F4D



008F6A



000F0B



# Inverse Universe

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



9D2745



CC1443



9D4327



4F4749



8F0024



0F0004



# Previews

## White Background



This preview shows how the Hex color 279D7F looks on a white background.

## Color Contrast Check

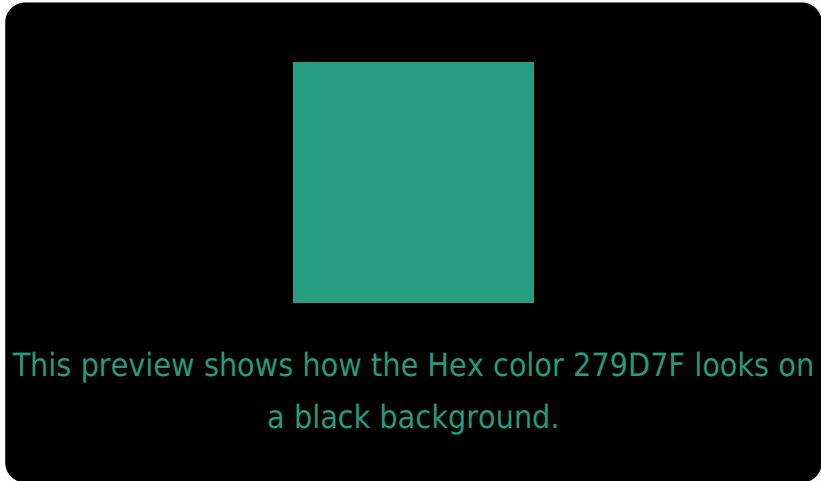
Large Text (above 18pt) WCAG AA ✓ Pass

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

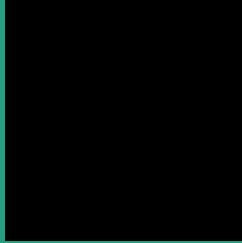
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 279D7F Background



This preview shows how black text looks on a background with the Hex color 279D7F.

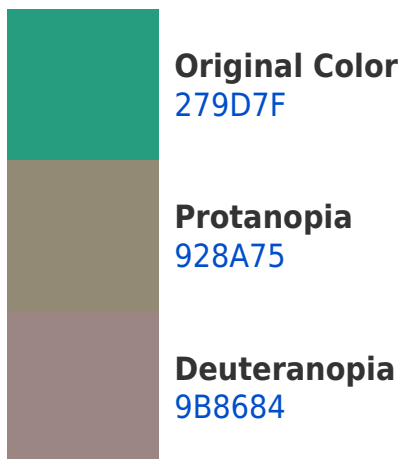


This preview shows how white text looks on a background with the Hex color 279D7F.

# 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](#).

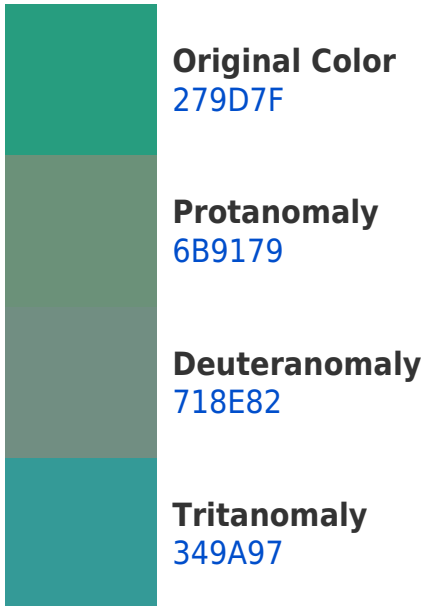
## Dichromacy



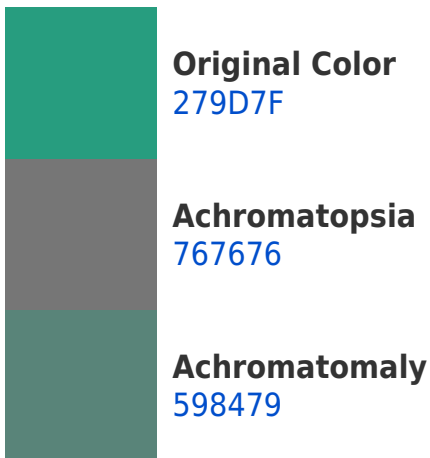


**Tritanopia**  
3B98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 279D7F 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 #279D7F looks like.

```
.text, #text, p{  
    color:#279D7F  
}
```

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 #279D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #279D7F
}
```

## Border

The CSS property to change the border of an element to Hex 279D7F 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
#279D7F }
```

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

```
.border{ border-color:#279D7F }
```

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

Here you see how a box with a 4 pixel #279D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #279D7F; -webkit-box-shadow:4px 4px  
4px 4px #279D7F; box-shadow:4px 4px 4px  
4px #279D7F }
```

# Background

The CSS property to change the background color of an element to Hex 279D7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#279D7F }
```

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

```
.background{ background-color:#279D7F }
```

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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