

Converting Colors

Hex(279A76)

Have a look what the booklet for
Hex(279A76) contains.

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Color

Hex(279A76)

Conversions

Conversions Part 1

Format	Color
Hex	279A76
RGB	39, 154, 118
RGB Percent	15%, 60%, 46%
CMY	0.8471, 0.3961, 0.5373
CMYK	0.75, 0.00, 0.23, 0.40
HSL	161°, 60%, 38%
HSV	161°, 75%, 60%
XYZ	15.6623, 24.8505, 21.1107
YIQ	115.5110, -56.9840, -35.5760

Conversions

Conversions Part 2

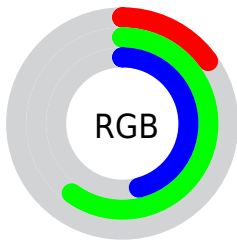
Format	Color
R_{YB}	39, 107, 154
Decimal	2595446
CIE _{Lab}	56.93, -40.23, 9.98
CIE _{LCh}	57, 41.451, 166.062
Yxy	24.8505, 0.2542, 0.4033
Android (android.graphics.Color)	4280785526 (0xFF279A76)
YUV	115.5110, 1.2271, -67.1001
Hunter-Lab	49.8503, -31.1557, 9.7870

Details

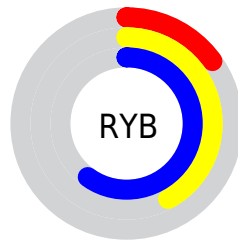
The Hex color **279A76** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A274B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **66D1AA**, and **006646** is the 20% darker color. If you saturate the color by 10%, you get **189A71**, and if you desaturate by 10%, it is **369A7B**.

Distribution



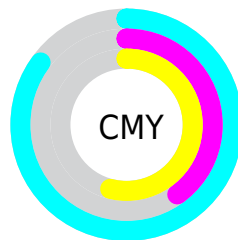
- Red (15%)
- Green (60%)
- Blue (46%)



- Red (15%)
- Yellow (42%)
- Blue (60%)



- Cyan (75%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)



- Cyan (85%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 279A76 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 279A76 by changing the saturation by 10% instead.

 279A76

 279A76

FFFFFF

 00805D

 66D1AA

 006646

 83EEC5

 004D2F


 9FFFE1

 00351A

 BCFFFE

 002000

 DAFFFF

 000000

 F7FFFF

 279A76

 279A76

 189A71

 369A7B

089A6C

469A80

009A6A

559A84

659A89

749A8E

839A93

939A98

A29A9D

B29AA1

Harmonies

Analogous

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



639555



279A76



009B9B

Triad

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



279A76



7086CE



C47456

Complementary

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



279A76



9A274B

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.



CD6B76



279A76



A478BB

Square

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



279A76



0891CE



C36D9B



AD8142

Rectangle

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



279A76



009AB2



C36D9B



C97060

Sweetspot

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



279A76



9DC9BC



4B9A27



4B665E



E6E6E6



666666

Same Dimension

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



279A76



14C991



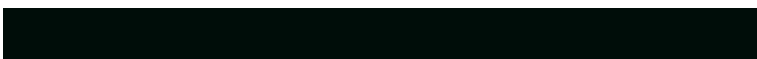
27859A



454D4A



008C60



000D09

Inverse Universe

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



9A274B



C9144D



9A3C27



4D4547



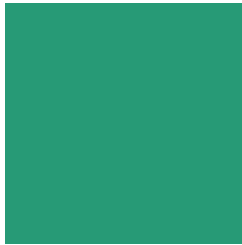
8C002C



0D0004

Previews

White Background



This preview shows how the Hex color 279A76 looks on a white background.

Color Contrast Check

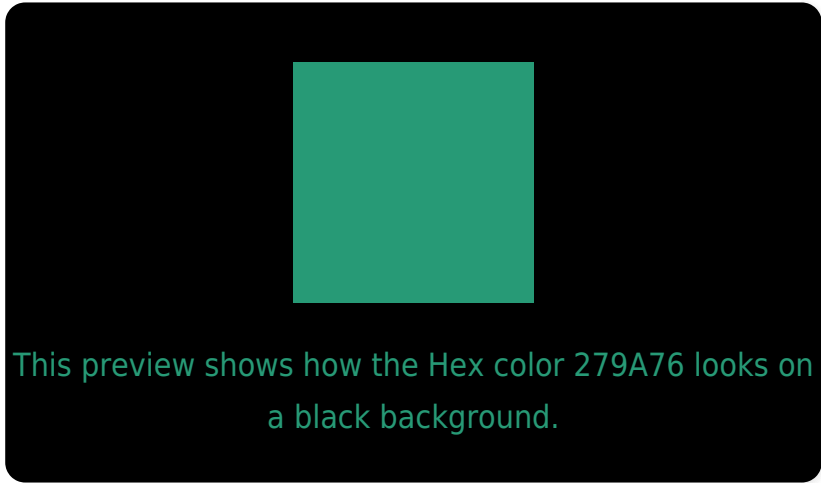
Large Text (above 18pt) WCAG AA ✓ Pass

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

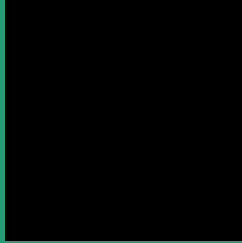
Any Text WCAG AA ✓ Pass

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 279A76 Background



This preview shows how black text looks on a background with the Hex color 279A76.

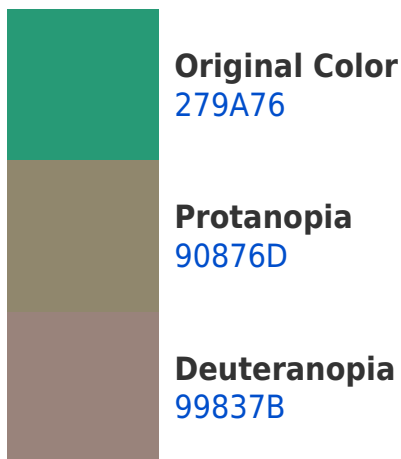


This preview shows how white text looks on a background with the Hex color 279A76.

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](#).

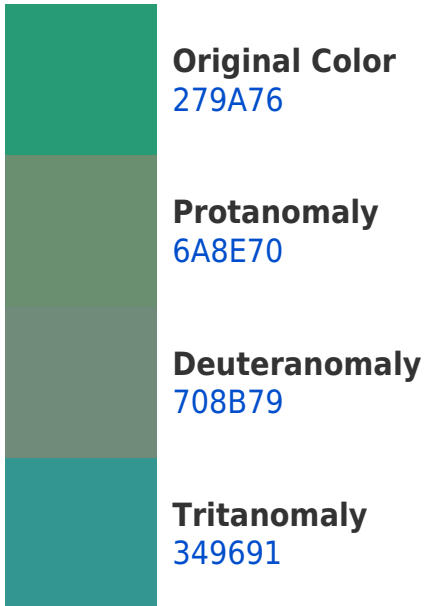
Dichromacy



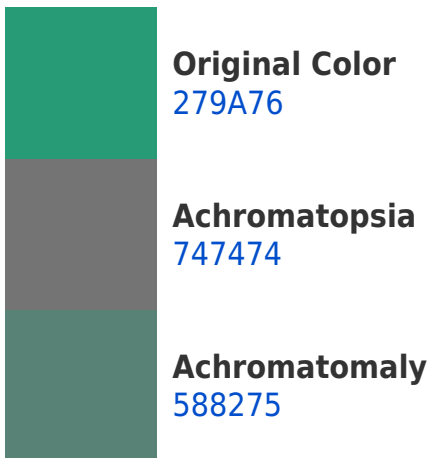


Tritanopia
3C94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 279A76 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 #279A76 looks like.

```
.text, #text, p{  
    color:#279A76  
}
```

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 #279A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #279A76
}
```

Border

The CSS property to change the border of an element to Hex 279A76 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
#279A76 }
```

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

```
.border{ border-color:#279A76 }
```

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

Here you see how a box with a 4 pixel #279A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #279A76; -webkit-box-shadow:4px 4px  
4px 4px #279A76; box-shadow:4px 4px 4px  
4px #279A76 }
```

Background

The CSS property to change the background color of an element to Hex 279A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#279A76 }
```

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

```
.background{ background-color:#279A76 }
```

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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