

# Converting Colors

Hex(279375)

Have a look what the booklet for  
Hex(279375) contains.

<b>Hex(279375)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(279375)

# Conversions

## Conversions Part 1

Format	Color
Hex	279375
RGB	39, 147, 117
RGB Percent	15%, 58%, 46%
CMY	0.8471, 0.4235, 0.5412
CMYK	0.73, 0.00, 0.20, 0.42
HSL	163°, 58%, 36%
HSV	163°, 73%, 58%
XYZ	14.4813, 22.5831, 20.4254
YIQ	111.2880, -54.7380, -32.2260

# Conversions

## Conversions Part 2

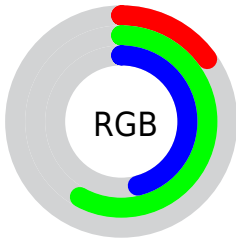
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 102, 147
Decimal	2593653
CIE <sub>Lab</sub>	54.64, -37.43, 7.30
CIE <sub>LCh</sub>	55, 38.140, 168.959
Yxy	22.5831, 0.2519, 0.3928
Android (android.graphics.Color)	4280783733 (0xFF279375)
<b>YUV</b>	111.2880, 2.8160, -63.3966
Hunter-Lab	47.5217, -28.7686, 7.7817

# Details

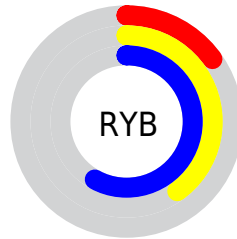
The Hex color **279375** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **932745**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **64CAA9**, and **005F45** is the 20% darker color. If you saturate the color by 10%, you get **189371**, and if you desaturate by 10%, it is **369379**.

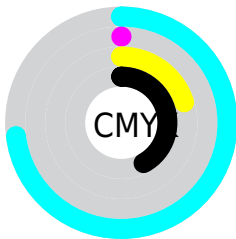
# Distribution



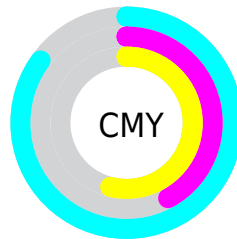
- Red (15%)
- Green (58%)
- Blue (46%)



- Red (15%)
- Yellow (40%)
- Blue (58%)



- Cyan (73%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (85%)
- Magenta (42%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 279375 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 279375 by changing the saturation by 10% instead.





279375



279375

FFFFFF



00795C



64CAA9



005F45



81E6C4



00472F



9DFFE0



00301A



BAFFFD



001900



D7FFFF



000000



F5FFFF



279375



279375



189371



369379

■ 0A936D

■ 44937D

■ 00936A

■ 539381

■ 629385

■ 719389

■ 7F938E

■ 8E9392

■ 9D9396

■ AB939A

# Harmonies

## Analogous

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



5C8F56



279375



009497

# Triad

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



279375



737FC1



B87152

# Complementary

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



279375



932745

# 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.



C2696F



279375



A072AE

# Square

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



279375



2C8AC3



BA6990



A27D41

# Rectangle

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



279375



0092AB



BA6990



BD6D5B



# Sweetspot

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



279375



95BFB4



469327



48615A



E0E0E0



616161



# Same Dimension

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



279375



17BF91



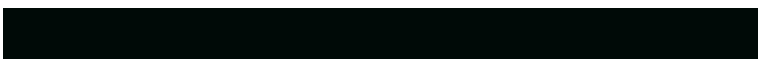
277C93



434A48



008A63



000A07



# Inverse Universe

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



932745



BF1746



933E27



4A4345



8A0026

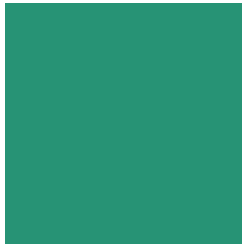


0A0003



# Previews

## White Background



This preview shows how the Hex color 279375 looks on a white background.

## Color Contrast Check

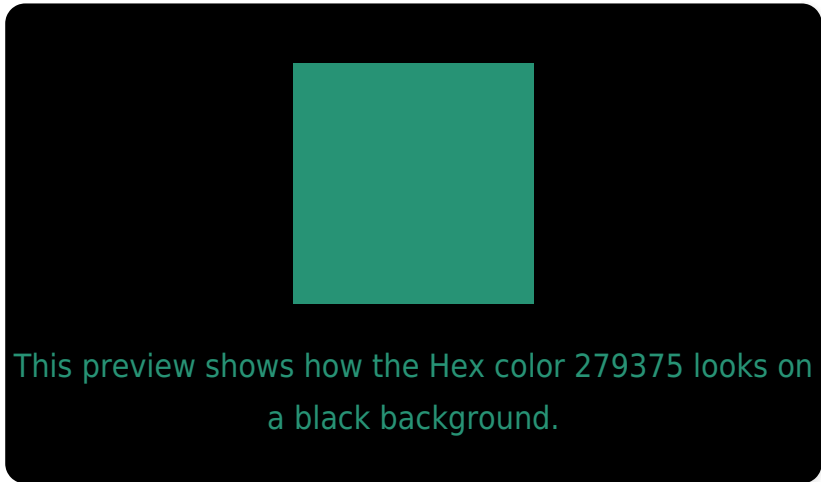
Large Text (above 18pt) WCAG AA ✓ Pass

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

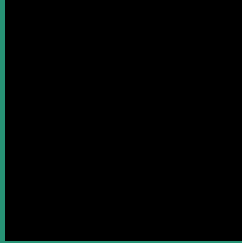
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 279375 Background



This preview shows how black text looks on a background with the Hex color 279375.

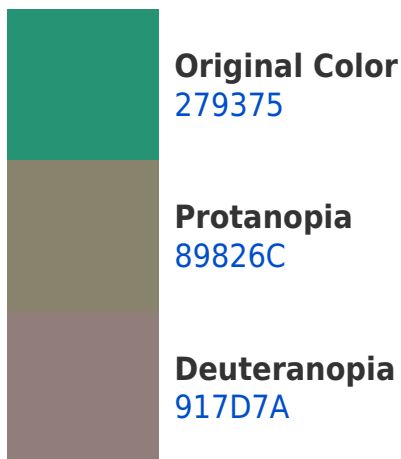


This preview shows how white text looks on a background with the Hex color 279375.

# 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**  
398E9A

# Trichromacy



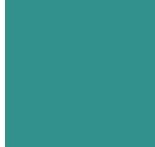
**Original Color**  
279375



**Protanomaly**  
65886F



**Deuteranomaly**  
6A8578



**Tritanomaly**  
32908D

# Monochromacy



**Original Color**  
279375



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
557C71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 279375 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 #279375 looks like.

```
.text, #text, p{  
    color:#279375  
}
```

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 #279375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #279375  
}
```

## Border

The CSS property to change the border of an element to Hex 279375 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  
#279375 }
```

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

```
.border{ border-color:#279375 }
```

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

Here you see how a box with a 4 pixel #279375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #279375; -webkit-box-shadow:4px 4px  
4px 4px #279375; box-shadow:4px 4px 4px  
4px #279375 }
```

# Background

The CSS property to change the background color of an element to Hex 279375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#279375 }
```

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

```
.background{ background-color:#279375 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor