

# Converting Colors

Hex(29A377)

Have a look what the booklet for  
Hex(29A377) contains.

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**Color**

**Hex(29A377)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29A377
RGB	41, 163, 119
RGB Percent	16%, 64%, 47%
CMY	0.8392, 0.3608, 0.5333
CMYK	0.75, 0.00, 0.27, 0.36
HSL	158°, 60%, 40%
HSV	158°, 75%, 64%
XYZ	17.3414, 27.9977, 21.9429
YIQ	121.5060, -58.5880, -39.5480

# Conversions

## Conversions Part 2

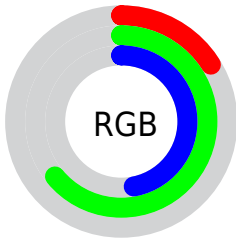
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 115, 163
Decimal	2728823
CIELab	59.89, -43.51, 13.58
CIElCh	60, 45.582, 162.665
Yxy	27.9977, 0.2577, 0.4161
Android (android.graphics.Color)	4280918903 (0xFF29A377)
YUV	121.5060, -1.2355, -70.6038
Hunter-Lab	52.9129, -34.0967, 12.4515

# Details

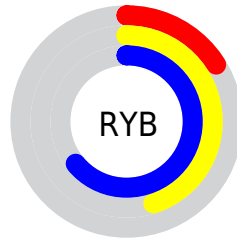
The Hex color **29A377** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A32955**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **69DBAB**, and **006E46** is the 20% darker color. If you saturate the color by 10%, you get **19A371**, and if you desaturate by 10%, it is **39A37D**.

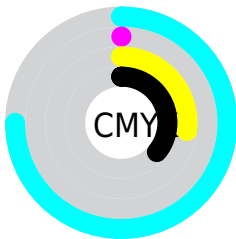
# Distribution



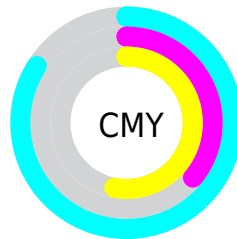
- Red (16%)
- Green (64%)
- Blue (47%)



- Red (16%)
- Yellow (45%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (27%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29A377 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 29A377 by changing the saturation by 10% instead.



 29A377

 29A377

FFFFFF

 00885E

 69DBAB

 006E46

 86F8C7

 005530

 A3FFE3

 003D1B

 C0FFFF

 002801

 DEFFFF

 000000

 FBFFFF

 29A377

 29A377

 19A371

 39A37D

■ 08A36B

■ 4AA383

■ 00A368

■ 5AA389

■ 6AA38F

■ 7AA394

■ 8BA39A

■ 9BA3A0

■ ABA3A6

■ BCA3AC

# Harmonies

## Analogous

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



6B9D53



29A377



00A5A1

# Triad

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



29A377



6B8FDF



D4775C

# Complementary

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



29A377



A32955

# 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.



DC6E81



29A377



A97FCC

# Square

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



29A377



009BDC



CE72A9



BB8643

# Rectangle

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



29A377



00A4BA



CE72A9



D97367



# Sweetspot

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



29A377



A5D4C3



56A329



4F6B61



EBEBEB



6B6B6B



# Same Dimension

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



29A377



15D48F



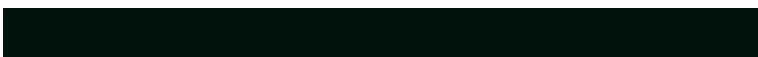
2993A3



49524F



00915D



00120B



# Inverse Universe

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



A32955



D4155A



A33929



52494C



910034



120006



# Previews

## White Background



This preview shows how the Hex color 29A377 looks on a white background.

## Color Contrast Check

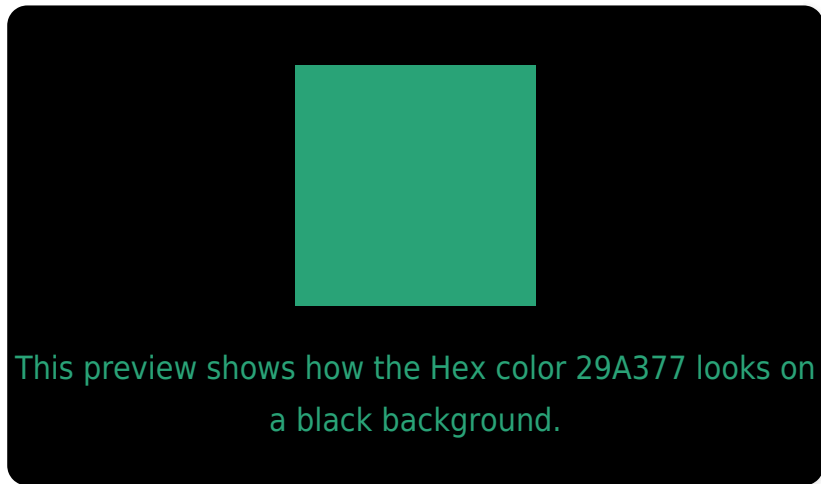
Large Text (above 18pt) WCAG AA ✓ Pass

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

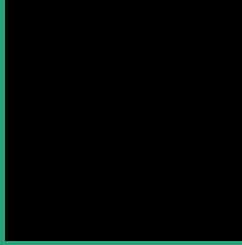
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 29A377 Background



This preview shows how black text looks on a background with the Hex color 29A377.

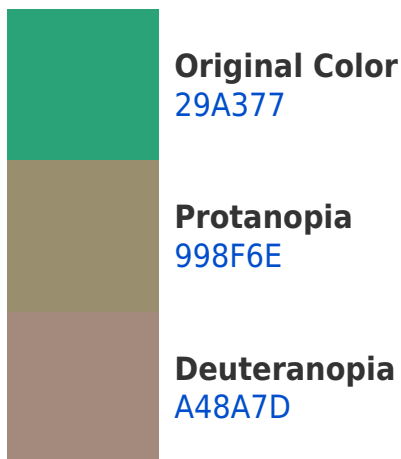


This preview shows how white text looks on a background with the Hex color 29A377.

# 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**  
419CA9

# Trichromacy



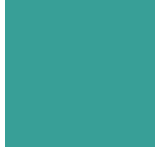
**Original Color**  
29A377



**Protanomaly**  
709671



**Deuteranomaly**  
77937B



**Tritanomaly**  
389F97

# Monochromacy



**Original Color**  
29A377



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
5D8979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29A377 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 #29A377 looks like.

```
.text, #text, p{  
    color:#29A377  
}
```

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 #29A377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A377
}
```

## Border

The CSS property to change the border of an element to Hex 29A377 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
#29A377 }
```

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

```
.border{ border-color:#29A377 }
```

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

Here you see how a box with a 4 pixel #29A377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A377; -webkit-box-shadow:4px 4px  
4px 4px #29A377; box-shadow:4px 4px 4px  
4px #29A377 }
```

# Background

The CSS property to change the background color of an element to Hex 29A377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A377 }
```

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

```
.background{ background-color:#29A377 }
```

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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