

# Converting Colors

Hex(299071)

Have a look what the booklet for  
Hex(299071) contains.

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# Color

**Hex(299071)**

# Conversions

## Conversions Part 1

Format	Color
Hex	299071
RGB	41, 144, 113
RGB Percent	16%, 56%, 44%
CMY	0.8392, 0.4353, 0.5569
CMYK	0.72, 0.00, 0.22, 0.44
HSL	162°, 56%, 36%
HSV	162°, 72%, 56%
XYZ	13.8683, 21.6102, 19.0630
YIQ	109.6690, -51.4370, -31.4770

# Conversions

## Conversions Part 2

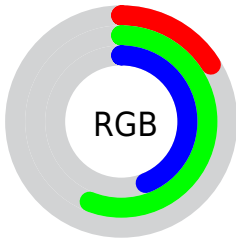
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 102, 144
Decimal	2723953
CIE <sub>Lab</sub>	53.61, -36.82, 8.13
CIE <sub>LCh</sub>	54, 37.707, 167.543
Yxy	21.6102, 0.2543, 0.3962
Android (android.graphics.Color)	4280914033 (0xFF299071)
YUV	109.6690, 1.6422, -60.2227
Hunter-Lab	46.4868, -28.1001, 8.2274

# Details

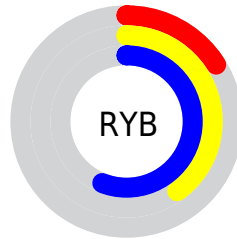
The Hex color **299071** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **902948**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **65C7A5**, and **005D41** is the 20% darker color. If you saturate the color by 10%, you get **1B906D**, and if you desaturate by 10%, it is **379075**.

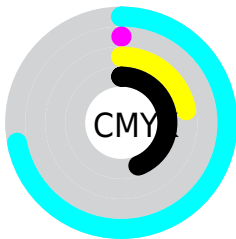
# Distribution



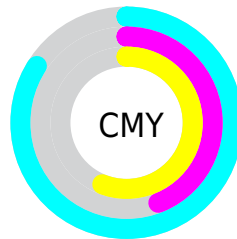
- Red (16%)
- Green (56%)
- Blue (44%)



- Red (16%)
- Yellow (40%)
- Blue (56%)



- Cyan (72%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 299071 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 299071 by changing the saturation by 10% instead.



 299071

 299071

FFFFFF

 007659

 65C7A5

 005D41

 81E3C0

 00442B

 9DFFDC

 002D16

 BAF8FF

 001500

 D7FFFF

 000000

 F5FFFF

 299071

 299071

 1B906D

 379075

■ 0C9068

■ 46907A

■ 009065

■ 54907E

■ 639082

■ 719087

■ 7F908B

■ 8E908F

■ 9C9094

■ AB9098

# Harmonies

## Analogous

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



5C8C53



299071



009193

# Triad

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



299071



6E7DBE



B56E51

# Complementary

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



299071



902948

# 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.



BE666E



299071



9B70AC

# Square

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



299071



2687BF



B6678F



A07A40

# Rectangle

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



299071



008FA7



B6678F



BA6B5A



# Sweetspot

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



299071



93BAAE



4A9029



475E57



DEDEDE



5E5E5E



# Same Dimension

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



299071



1ABA8A



297D90



404745



00875E



000805



# Inverse Universe

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



902948



BA1A4A



903C29



474042



870029



080002



# Previews

## White Background



This preview shows how the Hex color 299071 looks on a white background.

## Color Contrast Check

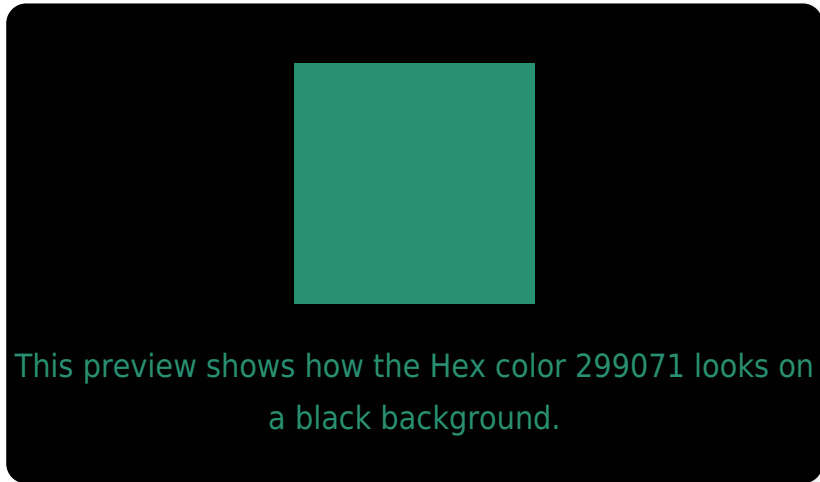
Large Text (above 18pt) WCAG AA ✓ Pass

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

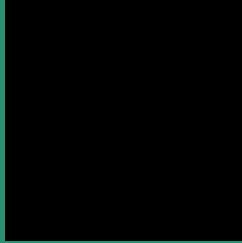
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 299071 Background



This preview shows how black text looks on a background with the Hex color 299071.

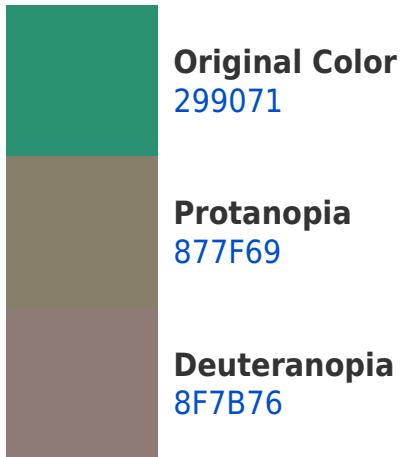


This preview shows how white text looks on a background with the Hex color 299071.

# 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**  
3B8B96

# Trichromacy



**Original Color**  
299071



**Protanomaly**  
65856C



**Deuteranomaly**  
6A8374



**Tritanomaly**  
348D89

# Monochromacy



**Original Color**  
299071



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
557A6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 299071 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 #299071 looks like.

```
.text, #text, p{  
  color:#299071  
}
```

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 #299071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299071
}
```

## Border

The CSS property to change the border of an element to Hex 299071 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
#299071 }
```

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

```
.border{ border-color:#299071 }
```

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

Here you see how a box with a 4 pixel #299071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299071; -webkit-box-shadow:4px 4px  
4px 4px #299071; box-shadow:4px 4px 4px  
4px #299071 }
```

# Background

The CSS property to change the background color of an element to Hex 299071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299071 }
```

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

```
.background{ background-color:#299071 }
```

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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