

Converting Colors

Hex(289071)

Have a look what the booklet for
Hex(289071) contains.

Hex(289071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(289071)

Conversions

Conversions Part 1

Format	Color
Hex	289071
RGB	40, 144, 113
RGB Percent	16%, 56%, 44%
CMY	0.8431, 0.4353, 0.5569
CMYK	0.72, 0.00, 0.22, 0.44
HSL	162°, 57%, 36%
HSV	162°, 72%, 56%
XYZ	13.8290, 21.5899, 19.0612
YIQ	109.3700, -52.0330, -31.6890

Conversions

Conversions Part 2

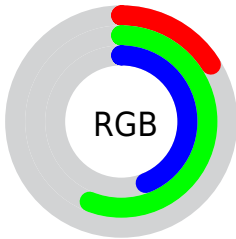
Format	Color
R_{YB}	40, 101, 144
Decimal	2658417
CIE _{Lab}	53.59, -36.97, 8.10
CIE _{LCh}	54, 37.851, 167.644
Yxy	21.5899, 0.2538, 0.3963
Android (android.graphics.Color)	4280848497 (0xFF289071)
YUV	109.3700, 1.7896, -60.8375
Hunter-Lab	46.4649, -28.1881, 8.2031




Details

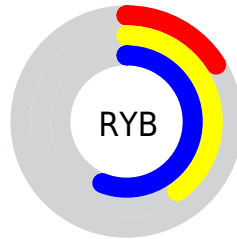
The Hex color **289071** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **902847**, and the grayscale version is **6D6D6D**.



A 20% lighter version of the original color is **64C7A5**, and **005D41** is the 20% darker color. If you saturate the color by 10%, you get **1A906D**, and if you desaturate by 10%, it is **369075**.

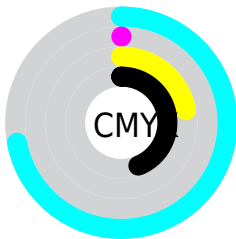
Distribution







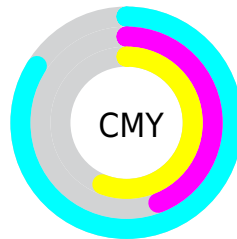
-  Red (16%)
-  Green (56%)
-  Blue (44%)






-  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 289071 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 289071 by changing the saturation by 10% instead.



289071



289071

FFFFFF



007659



64C7A5



005D41



80E3C0



00442B



9DFFDC



002D16



B9FFF8



001500



D7FFFF



000000



F4FFFF



289071



289071



1A906D



369075

■ 0B9068

■ 45907A

■ 009065

■ 53907E

■ 629082

■ 709086

■ 7E908B

■ 8D908F

■ 9B9093

■ AA9098

Harmonies

Analogous

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



5C8C53



289071



009193

Triad

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



289071



6E7DBE



B56E51

Complementary

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



289071



902847

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



289071



9B70AC

Square

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



289071



2587BF



B6678F



A07940

Rectangle

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



289071



008FA7



B6678F



BA6A5A

Sweetspot

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



289071



91BAAE



479028



465E57



DEDEDE



5E5E5E

Same Dimension

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



289071



18BA8A



287B90



404745



00875F



000805

Inverse Universe

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



902847



BA1848



903D28



474042



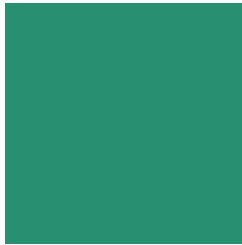
870028



080002

Previews

White Background



This preview shows how the Hex color 289071 looks on a white background.

Color Contrast Check

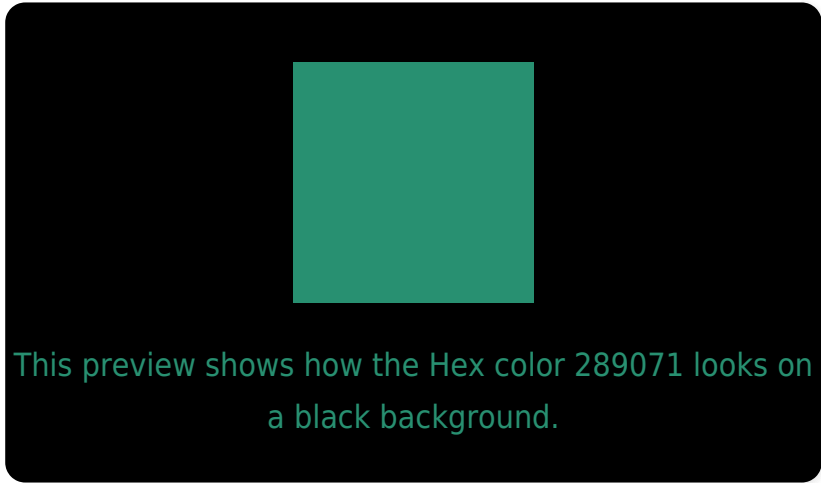
Large Text (above 18pt) WCAG AA ✓ Pass

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

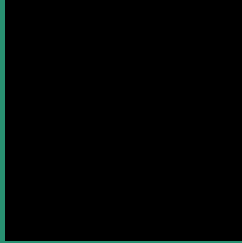
Any Text WCAG AA ✓ Pass

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 289071 Background



This preview shows how black text looks on a background with the Hex color 289071.

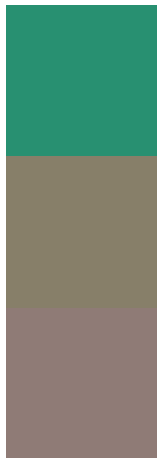


This preview shows how white text looks on a background with the Hex color 289071.

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



Original Color
289071

Protanopia
877F69

Deuteranopia
8F7B76



Tritanopia
3A8B96

Trichromacy



Original Color
289071



Protanomaly
64856C



Deuteranomaly
6A8374



Tritanomaly
338D89

Monochromacy



Original Color
289071



Achromatopsia
6D6D6D



Achromatomaly
547A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 289071 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 #289071 looks like.

```
.text, #text, p{  
    color:#289071  
}
```

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 #289071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289071
}
```

Border

The CSS property to change the border of an element to Hex 289071 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
#289071 }
```

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

```
.border{ border-color:#289071 }
```

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

Here you see how a box with a 4 pixel #289071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289071; -webkit-box-shadow:4px 4px  
4px 4px #289071; box-shadow:4px 4px 4px  
4px #289071 }
```

Background

The CSS property to change the background color of an element to Hex 289071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289071 }
```

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

```
.background{ background-color:#289071 }
```

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