

Converting Colors

Hex(269771)

Have a look what the booklet for
Hex(269771) contains.

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Color

Hex(269771)

Conversions

Conversions Part 1

Format	Color
Hex	269771
RGB	38, 151, 113
RGB Percent	15%, 59%, 44%
CMY	0.8510, 0.4078, 0.5569
CMYK	0.75, 0.00, 0.25, 0.41
HSL	160°, 60%, 37%
HSV	160°, 75%, 59%
XYZ	14.8466, 23.7375, 19.4221
YIQ	112.8810, -55.1500, -35.7740

Conversions

Conversions Part 2

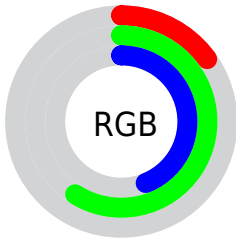
Format	Color
RYB	38, 106, 151
Decimal	2529137
CIELab	55.82, -40.31, 11.25
CIELCh	56, 41.850, 164.405
Yxy	23.7375, 0.2559, 0.4092
Android (android.graphics.Color)	4280719217 (0xFF269771)
YUV	112.8810, 0.0587, -65.6706
Hunter-Lab	48.7212, -30.8686, 10.4696

Details

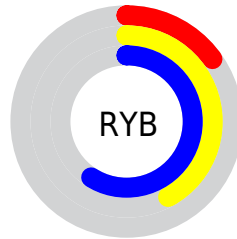
The Hex color **269771** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **97264C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **64CEA5**, and **006341** is the 20% darker color. If you saturate the color by 10%, you get **17976C**, and if you desaturate by 10%, it is **359776**.

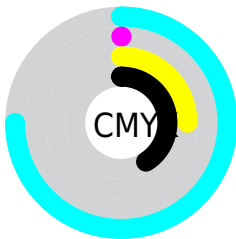
Distribution



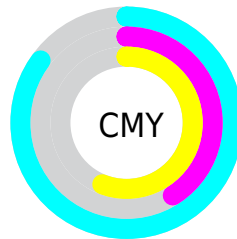
- Red (15%)
- Green (59%)
- Blue (44%)



- Red (15%)
- Yellow (42%)
- Blue (59%)



- Cyan (75%)
- Magenta (0%)
- Yellow (25%)
- Black (41%)



- Cyan (85%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 269771 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 269771 by changing the saturation by 10% instead.

 269771

 269771

FFFFFF

 007D58

 64CEA5

 006341

 81EBC0

 004A2B

 9EFFDC

 003316

 BAEFF8

 001D00

 D8FFFF

 000000

 F5FFFF

 269771

 269771

 17976C

 359776

■ 089767

■ 44977B

■ 009764

■ 539780

■ 629785

■ 72978A

■ 81978F

■ 909795

■ 9F979A

■ AE979F

Harmonies

Analogous

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



629250



269771



009897

Triad

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



269771



6984CC



C27055

Complementary

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



269771



97264C

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.



CA6876



269771



9F75BA

Square

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



269771



008FCB



BF6A9A



AB7D3F

Rectangle

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



269771



0097AE



BF6A9A



C76C5F

Sweetspot

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



269771



99C4B6



4E9726



4A635B



E3E3E3



636363

Same Dimension

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



269771



14C489



268697



454D4A



008C5D



000D08

Inverse Universe

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



97264C



C4144F



973726



4D4547



8C002F



0D0004

Previews

White Background



This preview shows how the Hex color 269771 looks on a white background.

Color Contrast Check

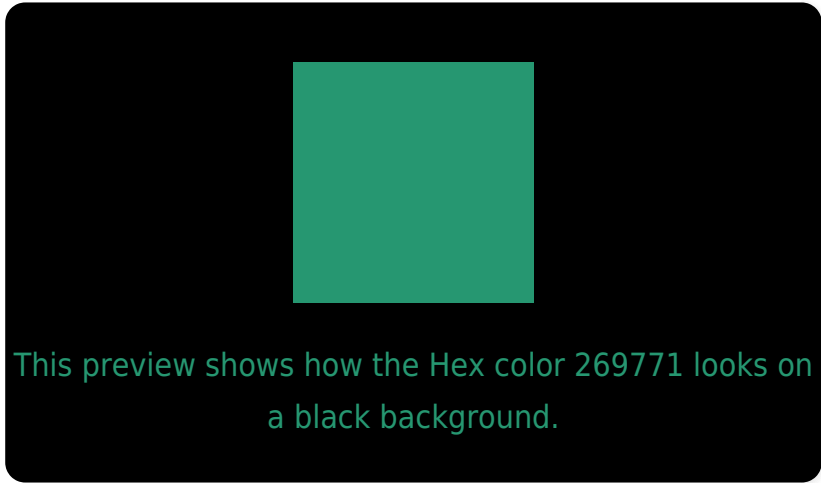
Large Text (above 18pt) WCAG AA ✓ Pass

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

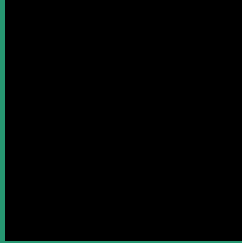
Any Text WCAG AA ✓ Pass

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 269771 Background



This preview shows how black text looks on a background with the Hex color 269771.

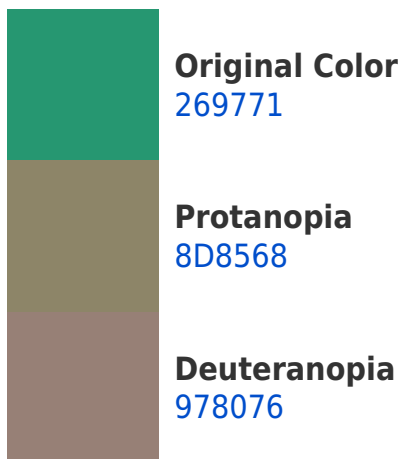


This preview shows how white text looks on a background with the Hex color 269771.

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
3C919D

Trichromacy



Original Color
269771



Protanomaly
688C6B



Deuteranomaly
6E8874



Tritanomaly
34938D

Monochromacy



Original Color
269771



Achromatopsia
717171



Achromatomaly
567F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 269771 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 #269771 looks like.

```
.text, #text, p{  
    color:#269771  
}
```

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 #269771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #269771  
}
```

Border

The CSS property to change the border of an element to Hex 269771 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  
#269771 }
```

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

```
.border{ border-color:#269771 }
```

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

Here you see how a box with a 4 pixel #269771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #269771; -webkit-box-shadow:4px 4px  
4px 4px #269771; box-shadow:4px 4px 4px  
4px #269771 }
```

Background

The CSS property to change the background color of an element to Hex 269771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#269771 }
```

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

```
.background{ background-color:#269771 }
```

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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