

Converting Colors

Hex(269C77)

Have a look what the booklet for
Hex(269C77) contains.

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Color

Hex(269C77)

Conversions

Conversions Part 1

Format	Color
Hex	269C77
RGB	38, 156, 119
RGB Percent	15%, 61%, 47%
CMY	0.8510, 0.3882, 0.5333
CMYK	0.76, 0.00, 0.24, 0.39
HSL	161°, 61%, 38%
HSV	161°, 76%, 61%
XYZ	16.0176, 25.5209, 21.5346
YIQ	116.5000, -58.4510, -36.5230

Conversions

Conversions Part 2

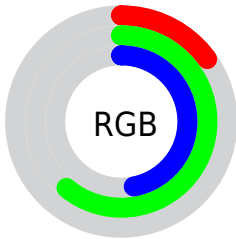
Format	Color
R_{YB}	38, 108, 156
Decimal	2530423
CIE _{Lab}	57.58, -40.97, 10.34
CIE _{LCh}	58, 42.258, 165.843
Yxy	25.5209, 0.2540, 0.4046
Android (android.graphics.Color)	4280720503 (0xFF269C77)
YUV	116.5000, 1.2325, -68.8445
Hunter-Lab	50.5182, -31.8108, 10.0890

Details

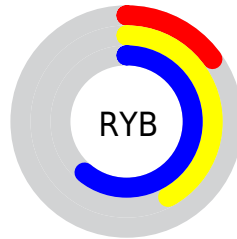
The Hex color **269C77** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9C264B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **66D3AB**, and **006847** is the 20% darker color. If you saturate the color by 10%, you get **169C72**, and if you desaturate by 10%, it is **369C7C**.

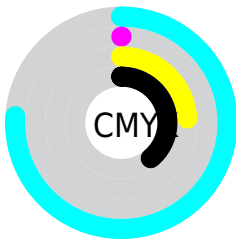
Distribution



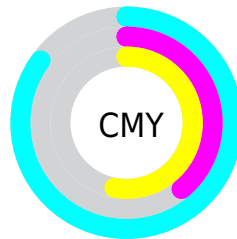
- Red (15%)
- Green (61%)
- Blue (47%)



- Red (15%)
- Yellow (42%)
- Blue (61%)



- Cyan (76%)
- Magenta (0%)
- Yellow (24%)
- Black (39%)



- Cyan (85%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 269C77 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 269C77 by changing the saturation by 10% instead.



269C77



269C77

FFFFFF



00815E



66D3AB



006847



83F0C7



004F30



9FFFE3



00371B



BCFFFF



002201



DAFFFF



000000



F8FFFF



269C77



269C77



169C72



369C7C

079C6D

459C81

009C6B

559C86

649C8B

749C8F

849C94

939C99

A39C9E

B29CA3

Harmonies

Analogous

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



649755



269C77



009D9D

Triad

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



269C77



7187D1



C77557

Complementary

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



269C77



9C264B

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.



D06C78



269C77



A679BE

Square

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



269C77



0093D1



C66E9D



AF8242

Rectangle

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



269C77



009CB4



C66E9D



CC7161

Sweetspot

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



269C77



9DCCBD



4B9C26



49665D



E6E6E6



666666

Same Dimension

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



269C77



12CC92



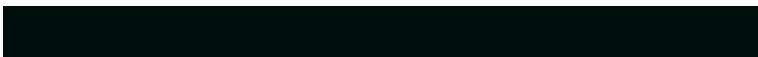
26869C



474F4D



008F62



000F0B

Inverse Universe

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



9C264B



CC124D



9C3C26



4F474A



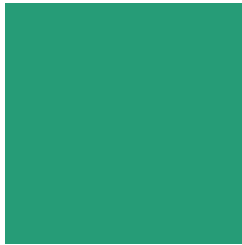
8F002D



0F0005

Previews

White Background



This preview shows how the Hex color 269C77 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



This preview shows how the Hex color 269C77 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

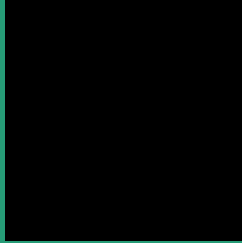
Any Text WCAG AA ✓ Pass

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 269C77 Background



This preview shows how black text looks on a background with the Hex color 269C77.

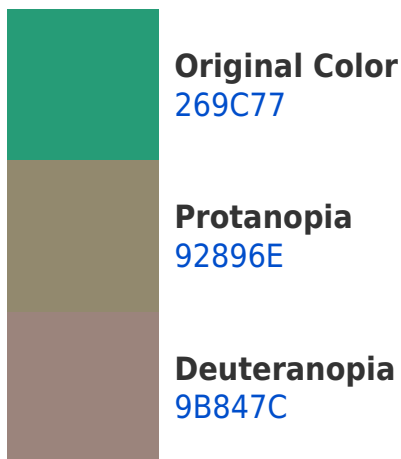


This preview shows how white text looks on a background with the Hex color 269C77.

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](#).

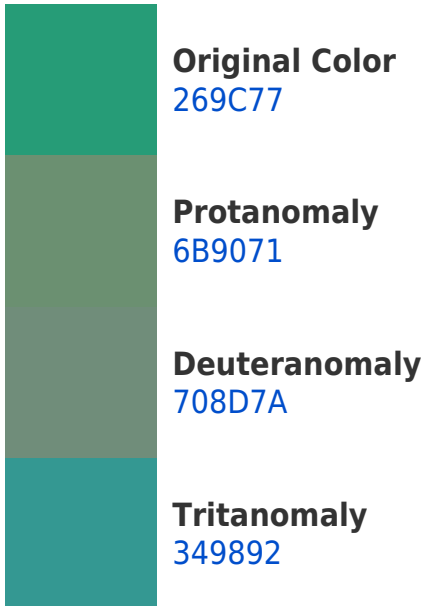
Dichromacy





Tritanopia
3C96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 269C77 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 #269C77 looks like.

```
.text, #text, p{  
    color:#269C77  
}
```

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 #269C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #269C77
}
```

Border

The CSS property to change the border of an element to Hex 269C77 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
#269C77 }
```

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

```
.border{ border-color:#269C77 }
```

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

Here you see how a box with a 4 pixel #269C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #269C77; -webkit-box-shadow:4px 4px  
4px 4px #269C77; box-shadow:4px 4px 4px  
4px #269C77 }
```

Background

The CSS property to change the background color of an element to Hex 269C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#269C77 }
```

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

```
.background{ background-color:#269C77 }
```

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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