

# Converting Colors

Hex(269785)

Have a look what the booklet for  
Hex(269785) contains.

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# Color

Hex(269785)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 269785                       |
| RGB         | 38, 151, 133                 |
| RGB Percent | 15%, 59%, 52%                |
| CMY         | 0.8510, 0.4078, 0.4784       |
| CMYK        | 0.75, 0.00, 0.12, 0.41       |
| HSL         | 170°, 60%, 37%               |
| HSV         | 170°, 75%, 59%               |
| XYZ         | 16.0996, 24.2387, 26.0203    |
| YIQ         | 115.1610, -61.5700, -29.5540 |

# Conversions

## Conversions Part 2

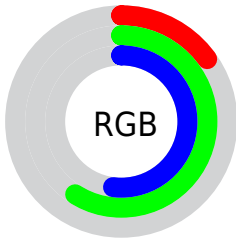
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 38, 99, 151                   |
| Decimal                             | 2529157                       |
| CIELab                              | 56.33, -35.10, 0.59           |
| CIELCh                              | 56, 35.106, 179.040           |
| Yxy                                 | 24.2387, 0.2426,<br>0.3653    |
| Android<br>(android.graphics.Color) | 4280719237<br>(0xFF269785)    |
| YUV                                 | 115.1610, 8.7946,<br>-67.6702 |
| Hunter-Lab                          | 49.2329, -27.7864,<br>3.1273  |

# Details

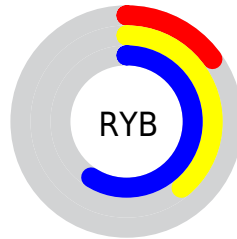
The Hex color **269785** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **972638**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **65CEBA**, and **006354** is the 20% darker color. If you saturate the color by 10%, you get **179783**, and if you desaturate by 10%, it is **359787**.

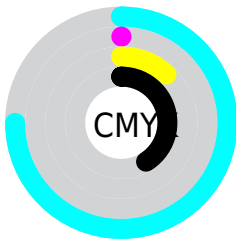
# Distribution



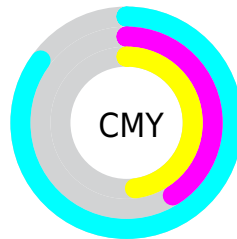
- Red (15%)
- Green (59%)
- Blue (52%)



- Red (15%)
- Yellow (39%)
- Blue (59%)



- Cyan (75%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)



- Cyan (85%)
- Magenta (41%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 269785 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 269785 by changing the saturation by 10% instead.



 269785

 269785

FFFFFF

 007D6C

 65CEBA

 006354

 82EAD6

 004B3D

 9FFFF2

 003327

 BCFFFF

 001F12

 D9FFFF

 000000

 F7FFFF

 269785

 269785

 179783

 359787

089780

44978A

00977F

53978C

62978F

729791

819793

909796

9F9798

AE979B

# Harmonies

## Analogous

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



579467



269785



0096A4

# Triad

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



269785



897FBC



B47A53

# Complementary

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



269785



972638

# 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.



C1716B



269785



AC75A7

# Square

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



269785



568AC4



BF6F89



9B8549

# Rectangle

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



269785



0094B4



BF6F89



B9775A



# Sweetspot

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



269785



99C4BD



399726



4A635F



E3E3E3



636363



# Same Dimension

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



269785



14C4A8



267197



454D4B



008C76



000D0B



# Inverse Universe

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



972638



C41430



974C26



4D4546



8C0016

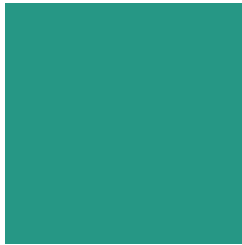


0D0002



# Previews

## White Background



This preview shows how the Hex color 269785 looks on a white background.

## Color Contrast Check

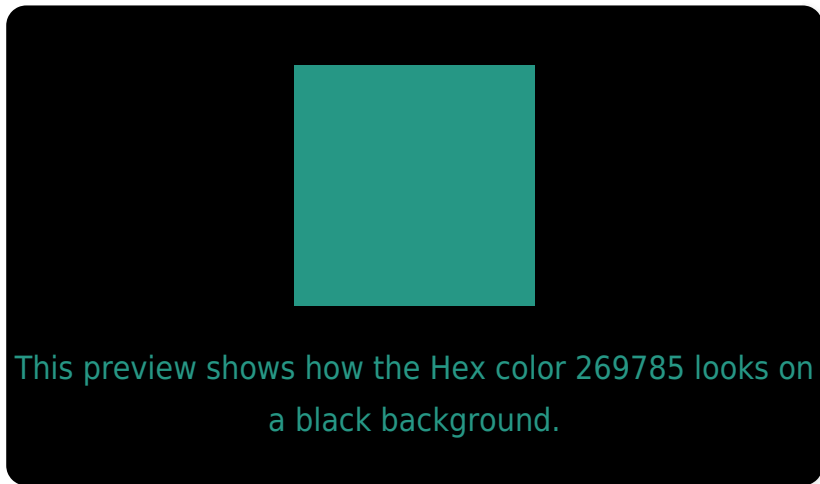
Large Text (above 18pt) WCAG AA ✓ Pass

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

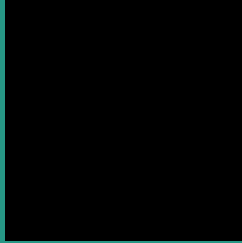
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 269785 Background



This preview shows how black text looks on a background with the Hex color 269785.

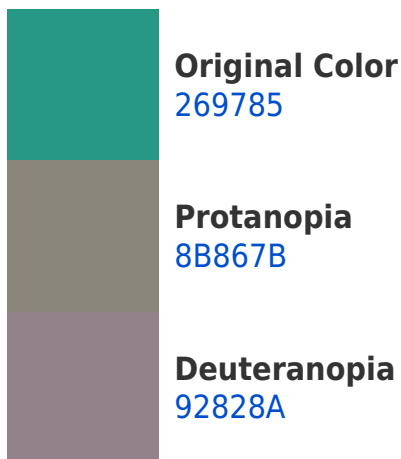


This preview shows how white text looks on a background with the Hex color 269785.

# 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



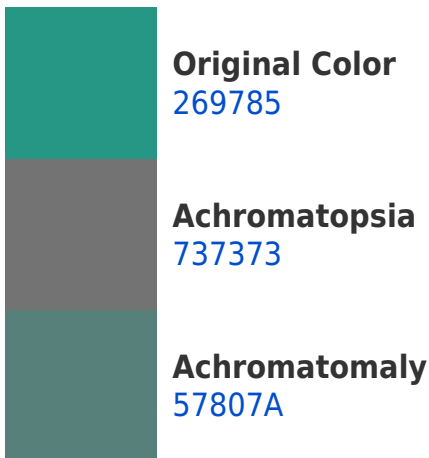


**Tritanopia**  
35939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 269785 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 #269785 looks like.

```
.text, #text, p{  
    color:#269785  
}
```

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 #269785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #269785
}
```

## Border

The CSS property to change the border of an element to Hex 269785 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
#269785 }
```

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

```
.border{ border-color:#269785 }
```

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

Here you see how a box with a 4 pixel #269785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #269785; -webkit-box-shadow:4px 4px  
4px 4px #269785; box-shadow:4px 4px 4px  
4px #269785 }
```

# Background

The CSS property to change the background color of an element to Hex 269785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#269785 }
```

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

```
.background{ background-color:#269785 }
```

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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