

# Converting Colors

Hex(259783)

Have a look what the booklet for  
Hex(259783) contains.

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# Color

Hex(259783)

# Conversions

## Conversions Part 1

Format	Color
Hex	259783
RGB	37, 151, 131
RGB Percent	15%, 59%, 51%
CMY	0.8549, 0.4078, 0.4863
CMYK	0.75, 0.00, 0.13, 0.41
HSL	169°, 61%, 37%
HSV	169°, 75%, 59%
XYZ	15.9263, 24.1652, 25.2977
YIQ	114.6340, -61.5240, -30.3880

# Conversions

## Conversions Part 2

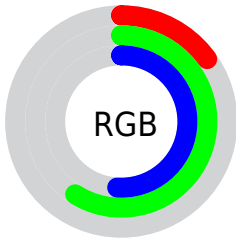
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 99, 151
Decimal	2463619
CIELab	56.25, -35.78, 1.62
CIELCh	56, 35.819, 177.405
Yxy	24.1652, 0.2436, 0.3696
Android (android.graphics.Color)	4280653699 (0xFF259783)
YUV	114.6340, 8.0684, -68.0850
Hunter-Lab	49.1581, -28.1962, 3.8990

# Details

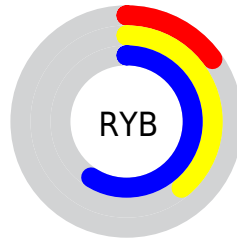
The Hex color **259783** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **972539**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **65CEB8**, and **006352** is the 20% darker color. If you saturate the color by 10%, you get **169780**, and if you desaturate by 10%, it is **349786**.

# Distribution



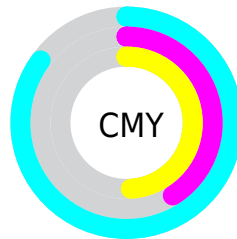
- Red (15%)
- Green (59%)
- Blue (51%)



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



- Cyan (75%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (85%)
- Magenta (41%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 259783 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 259783 by changing the saturation by 10% instead.



 259783

 259783

FFFFFF

 007D6A

 65CEB8

 006352

 82EAD4

 004B3B

 9EFFF0

 003325

 BBFFFF

 001E10

 D9FFFF

 000000

 F7FFFF

 259783

 259783

 169780

 349786

07977E

439788

00977D

52978B

61978E

709790

809793

8F9796

9E9798

AD979B

# Harmonies

## Analogous

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



589464



259783



0097A2

# Triad

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



259783



8680BE



B57953

# Complementary

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



259783



972539

# 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.



C2706C



259783



AB75A9

# Square

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



259783



518BC5



BF6E8B



9D8448

# Rectangle

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



259783



0094B4



BF6E8B



BB765A



# Sweetspot

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



259783



97C4BC



3A9725



48635F



E3E3E3



636363



# Same Dimension

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



259783



12C4A5



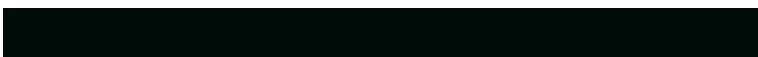
257397



454D4B



008C74



000D0B



# Inverse Universe

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



972539



C41231



974925



4D4546



8C0019



0D0002



# Previews

## White Background



This preview shows how the Hex color 259783 looks on a white background.

## Color Contrast Check

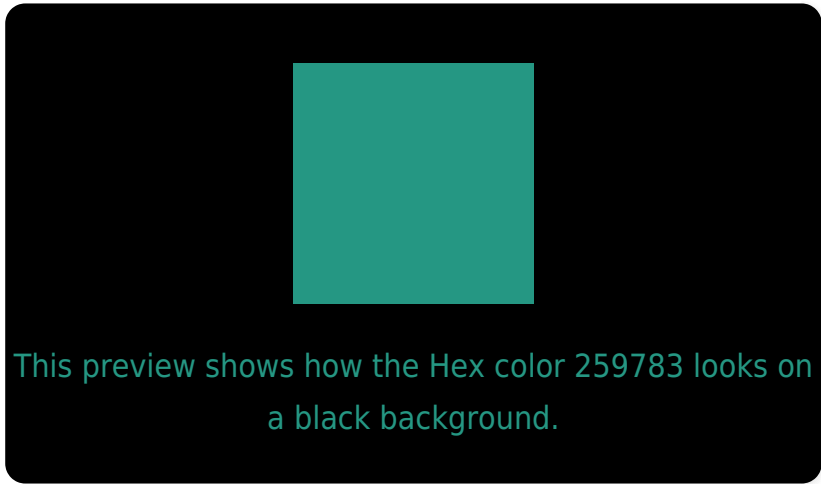
Large Text (above 18pt) WCAG AA ✓ Pass

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

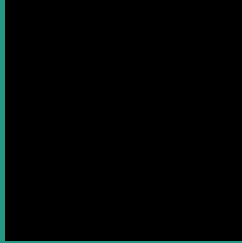
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 259783 Background



This preview shows how black text looks on a background with the Hex color 259783.

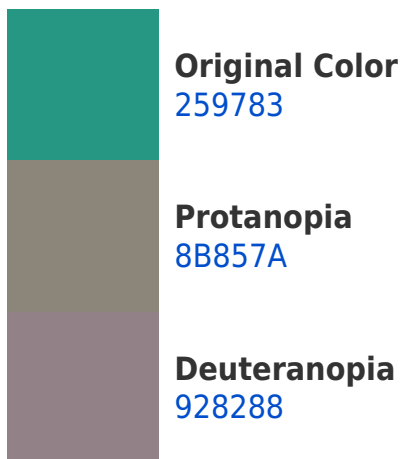


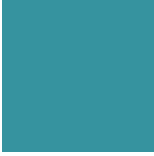
This preview shows how white text looks on a background with the Hex color 259783.

# 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**  
36939F

# Trichromacy



**Original Color**  
259783



**Protanomaly**  
668C7D



**Deuteranomaly**  
6A8A86



**Tritanomaly**  
309495

# Monochromacy



**Original Color**  
259783



**Achromatopsia**  
737373



**Achromatomaly**  
578079

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 259783 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 #259783 looks like.

```
.text, #text, p{  
    color:#259783  
}
```

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 #259783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #259783
}
```

## Border

The CSS property to change the border of an element to Hex 259783 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
#259783 }
```

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

```
.border{ border-color:#259783 }
```

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

Here you see how a box with a 4 pixel #259783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #259783; -webkit-box-shadow:4px 4px  
4px 4px #259783; box-shadow:4px 4px 4px  
4px #259783 }
```

# Background

The CSS property to change the background color of an element to Hex 259783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#259783 }
```

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

```
.background{ background-color:#259783 }
```

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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