

# Converting Colors

Hex(259D8B)

Have a look what the booklet for  
Hex(259D8B) contains.

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# Color

Hex(259D8B)

# Conversions

## Conversions Part 1

Format	Color
Hex	259D8B
RGB	37, 157, 139
RGB Percent	15%, 62%, 55%
CMY	0.8549, 0.3843, 0.4549
CMYK	0.76, 0.00, 0.11, 0.38
HSL	171°, 62%, 38%
HSV	171°, 76%, 62%
XYZ	17.4801, 26.3713, 28.5950
YIQ	119.0680, -65.7420, -31.0380

# Conversions

## Conversions Part 2

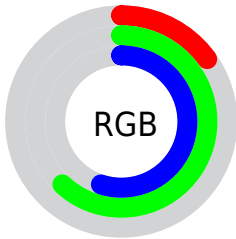
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 102, 157
Decimal	2465163
CIELab	58.39, -36.30, 0.18
CIELCh	58, 36.297, 179.720
Yxy	26.3713, 0.2413, 0.3640
Android (android.graphics.Color)	4280655243 (0xFF259D8B)
YUV	119.0680, 9.8265, -71.9736
Hunter-Lab	51.3530, -29.1080, 2.9326

# Details

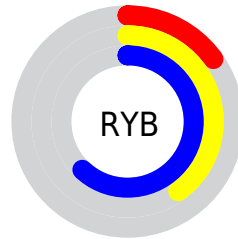
The Hex color **259D8B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D2537**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **66D4C0**, and **006959** is the 20% darker color. If you saturate the color by 10%, you get **159D89**, and if you desaturate by 10%, it is **359D8D**.

# Distribution



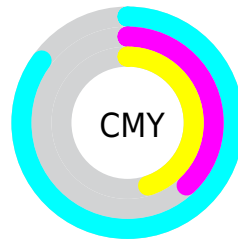
- Red (15%)
- Green (62%)
- Blue (55%)



- Red (15%)
- Yellow (40%)
- Blue (62%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (85%)
- Magenta (38%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 259D8B 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 259D8B by changing the saturation by 10% instead.



 259D8B

 259D8B

FFFFFF

 008272

 66D4C0

 006959

 84F1DC

 005042

 A1FFF9

 00382C

 BEFFFF

 002417

 DBFFFF

 000000

 F9FFFF

 259D8B

 259D8B

 159D89

 359D8D

069D86

449D90

009D85

549D92

649D94

749D97

839D99

939D9B

A39D9E

B29DA0

# Harmonies

## Analogous

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



599A6B



259D8B



009CAB

# Triad

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



259D8B



8F84C4



BA7F56

# Complementary

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



259D8B



9D2537

# 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.



C8766F



259D8B



B479AD

# Square

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



259D8B



5A90CC



C7738E



A18A4C

# Rectangle

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



259D8B



009ABC



C7738E



C07C5D



# Sweetspot

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



259D8B



9DCCC5



379D25



496662



E6E6E6



666666

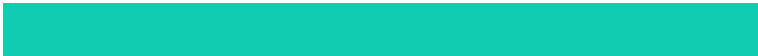


# Same Dimension

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



259D8B



10CCB0



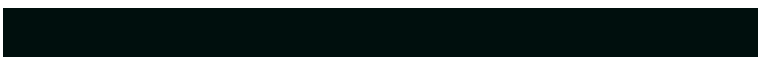
25759D



474F4E



008F79



000F0D



# Inverse Universe

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



9D2537



CC102C



9D4F25



4F4748



8F0015

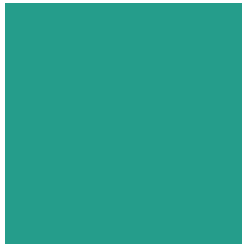


0F0002



# Previews

## White Background



This preview shows how the Hex color 259D8B 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 259D8B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

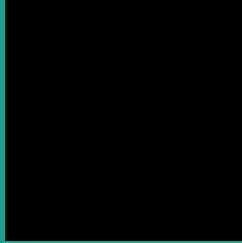
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 259D8B Background



This preview shows how black text looks on a background with the Hex color 259D8B.

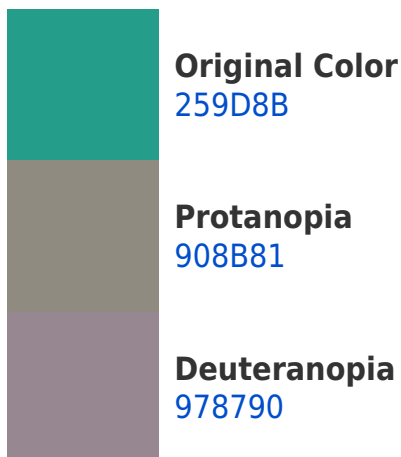


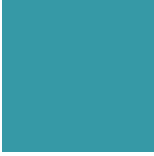
This preview shows how white text looks on a background with the Hex color 259D8B.

# 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**  
3699A6

# Trichromacy



**Original Color**  
259D8B



**Protanomaly**  
699285



**Deuteranomaly**  
6E8F8E



**Tritanomaly**  
309A9C

# Monochromacy



**Original Color**  
259D8B



**Achromatopsia**  
777777



**Achromatomaly**  
59857E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 259D8B 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 #259D8B looks like.

```
.text, #text, p{  
    color:#259D8B  
}
```

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 #259D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #259D8B
}
```

## Border

The CSS property to change the border of an element to Hex 259D8B 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
#259D8B }
```

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

```
.border{ border-color:#259D8B }
```

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

Here you see how a box with a 4 pixel #259D8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #259D8B; -webkit-box-shadow:4px 4px  
4px 4px #259D8B; box-shadow:4px 4px 4px  
4px #259D8B }
```

# Background

The CSS property to change the background color of an element to Hex 259D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#259D8B }
```

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

```
.background{ background-color:#259D8B }
```

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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