

# Converting Colors

Hex(249C7D)

Have a look what the booklet for  
Hex(249C7D) contains.

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# Color

Hex(249C7D)

# Conversions

## Conversions Part 1

Format	Color
Hex	249C7D
RGB	36, 156, 125
RGB Percent	14%, 61%, 49%
CMY	0.8588, 0.3882, 0.5098
CMYK	0.77, 0.00, 0.20, 0.39
HSL	164°, 63%, 38%
HSV	164°, 77%, 61%
XYZ	16.3177, 25.6327, 23.4896
YIQ	116.5860, -61.5690, -35.0810

# Conversions

## Conversions Part 2

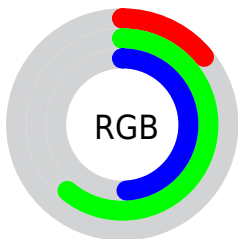
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 105, 156
Decimal	2399357
CIE <sub>Lab</sub>	57.69, -39.72, 7.10
CIE <sub>LCh</sub>	58, 40.352, 169.872
Yxy	25.6327, 0.2494, 0.3917
Android (android.graphics.Color)	4280589437 (0xFF249C7D)
YUV	116.5860, 4.1481, -70.6739
Hunter-Lab	50.6287, -31.0695, 7.9320

# Details

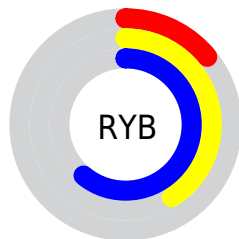
The Hex color **249C7D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9C2443**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **65D3B2**, and **00684C** is the 20% darker color. If you saturate the color by 10%, you get **149C79**, and if you desaturate by 10%, it is **349C81**.

# Distribution



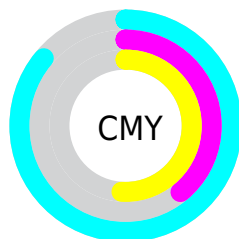
- Red (14%)
- Green (61%)
- Blue (49%)



- Red (14%)
- Yellow (41%)
- Blue (61%)



- Cyan (77%)
- Magenta (0%)
- Yellow (20%)
- Black (39%)



- Cyan (86%)
- Magenta (39%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 249C7D 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 249C7D by changing the saturation by 10% instead.



 249C7D

 249C7D

FFFFFF

 008164

 65D3B2

 00684C

 82F0CD

 004F35

 9FFFE9

 003720

 BCFFFF

 002209

 D9FFFF

 000000

 F7FFFF

 249C7D

 249C7D

 149C79

 349C81

059C75

439C85

009C74

539C89

629C8D

729C91

829C95

919C99

A19C9D

B09CA1

# Harmonies

## Analogous

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



60985C



249C7D



009DA1

# Triad

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



249C7D



7B86CD



C37856

# Complementary

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



249C7D



9C2443

# 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.



CE6F74



249C7D



AB78B8

# Square

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



249C7D



3092D0



C66F98



AA8444

# Rectangle

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



249C7D



009BB7



C66F98



C8745F



# Sweetspot

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



249C7D



9DCCC0



449C24



49665F



E6E6E6



666666



# Same Dimension

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



249C7D



10CC9C



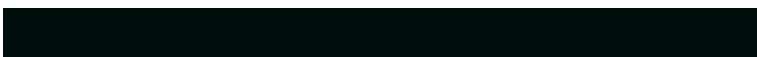
24809C



474F4D



008F6A



000F0B



# Inverse Universe

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



9C2443



CC1041



9C4024



4F4749



8F0025



0F0004



# Previews

## White Background



This preview shows how the Hex color 249C7D 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 249C7D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

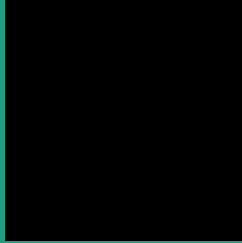
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 249C7D Background



This preview shows how black text looks on a background with the Hex color 249C7D.

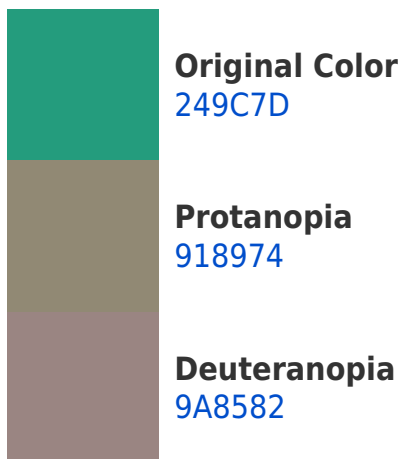


This preview shows how white text looks on a background with the Hex color 249C7D.

# 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



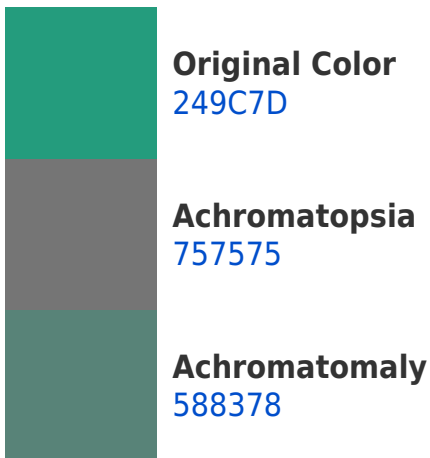


**Tritanopia**  
3997A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 249C7D 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 #249C7D looks like.

```
.text, #text, p{  
    color:#249C7D  
}
```

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 #249C7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249C7D
}
```

## Border

The CSS property to change the border of an element to Hex 249C7D 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
#249C7D }
```

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

```
.border{ border-color:#249C7D }
```

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

Here you see how a box with a 4 pixel #249C7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249C7D; -webkit-box-shadow:4px 4px  
4px 4px #249C7D; box-shadow:4px 4px 4px  
4px #249C7D }
```

# Background

The CSS property to change the background color of an element to Hex 249C7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249C7D }
```

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

```
.background{ background-color:#249C7D }
```

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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