

Converting Colors

Hex(249B8E)

Have a look what the booklet for
Hex(249B8E) contains.

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Color

Hex(249B8E)

Conversions

Conversions Part 1

Format	Color
Hex	249B8E
RGB	36, 155, 142
RGB Percent	14%, 61%, 56%
CMY	0.8588, 0.3922, 0.4431
CMYK	0.77, 0.00, 0.08, 0.39
HSL	173°, 62%, 37%
HSV	173°, 77%, 61%
XYZ	17.3314, 25.7708, 29.6520
YIQ	117.9370, -66.7510, -29.2710

Conversions

Conversions Part 2

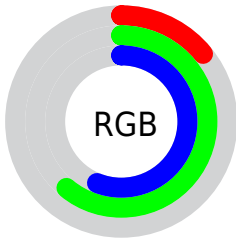
Format	Color
RYB	36, 99, 155
Decimal	2399118
CIELab	57.82, -34.65, -2.36
CIElCh	58, 34.733, 183.901
Yxy	25.7708, 0.2382, 0.3542
Android (android.graphics.Color)	4280589198 (0xFF249B8E)
YUV	117.9370, 11.8631, -71.8587
Hunter-Lab	50.7649, -27.8978, 0.9039

Details

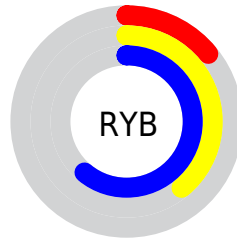
The Hex color **249B8E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B2431**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **66D2C4**, and **00675C** is the 20% darker color. If you saturate the color by 10%, you get **159B8C**, and if you desaturate by 10%, it is **349B90**.

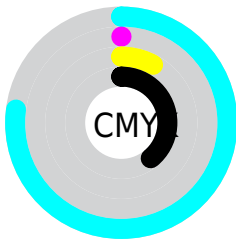
Distribution



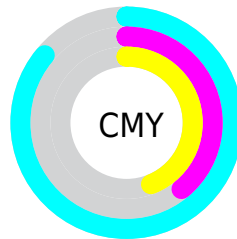
- Red (14%)
- Green (61%)
- Blue (56%)



- Red (14%)
- Yellow (39%)
- Blue (61%)



- Cyan (77%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (86%)
- Magenta (39%)
- Yellow (44%)
- Black (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249B8E 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 249B8E by changing the saturation by 10% instead.

 249B8E

 249B8E

FFFFFF

 008174

 66D2C4

 00675C

 83EFE0

 004E44

 A0FFFC

 00372E

 BDFFFF

 002319

 DBFFFF

 000000

 F9FFFF

 249B8E

 249B8E

 159B8C

 349B90

059B8B

439B91

009B8A

539B93

629B95

729B96

819B98

919B9A

A09B9C

B09B9D

Harmonies

Analogous

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



55996F



249B8E



009AAC

Triad

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



249B8E



9382BD



B48055

Complementary

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



249B8E



9B2431

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.



C3766B



249B8E



B477A6

Square

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



249B8E



648DC7



C47388



9B8A4D

Rectangle

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



249B8E



0097BB



C47388



BB7C5B

Sweetspot

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



249B8E



9BC9C4



329B24



496663



E6E6E6



666666

Same Dimension

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



249B8E



10C9B5



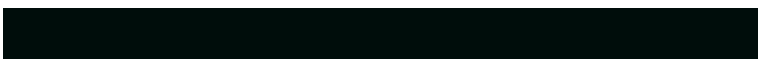
246D9B



454D4C



008C7D



000D0B

Inverse Universe

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



9B2431



C91024



9B5224



4D4546



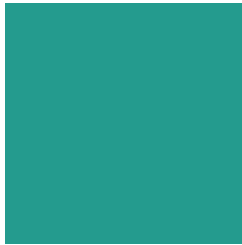
8C000F



0D0001

Previews

White Background



This preview shows how the Hex color 249B8E looks on a white background.

Color Contrast Check

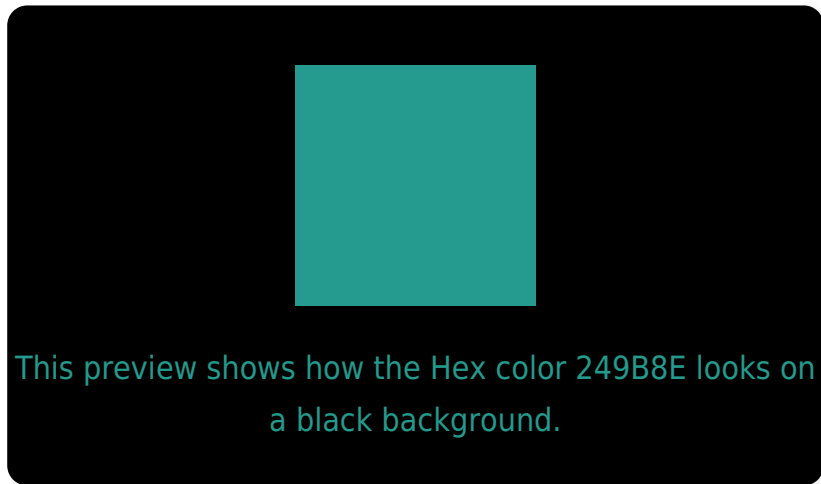
Large Text (above 18pt) WCAG AA ✓ Pass

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

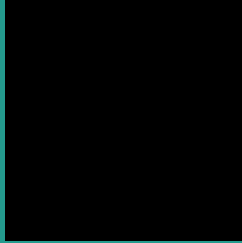
Any Text WCAG AA ✓ Pass

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 249B8E Background



This preview shows how black text looks on a background with the Hex color 249B8E.

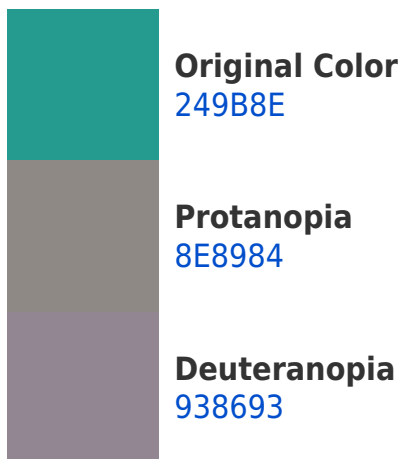


This preview shows how white text looks on a background with the Hex color 249B8E.

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



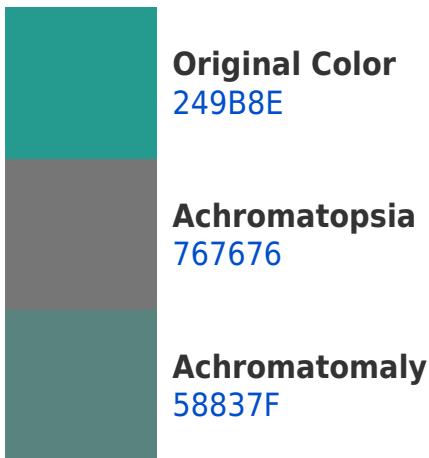


Tritanopia
3398A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 249B8E 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 #249B8E looks like.

```
.text, #text, p{  
    color:#249B8E  
}
```

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 #249B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249B8E
}
```

Border

The CSS property to change the border of an element to Hex 249B8E 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
#249B8E }
```

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

```
.border{ border-color:#249B8E }
```

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

Here you see how a box with a 4 pixel #249B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249B8E; -webkit-box-shadow:4px 4px  
4px 4px #249B8E; box-shadow:4px 4px 4px  
4px #249B8E }
```

Background

The CSS property to change the background color of an element to Hex 249B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249B8E }
```

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

```
.background{ background-color:#249B8E }
```

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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