

Converting Colors

Hex(249F8E)

Have a look what the booklet for
Hex(249F8E) contains.

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Color

Hex(249F8E)

Conversions

Conversions Part 1

Format	Color
Hex	249F8E
RGB	36, 159, 142
RGB Percent	14%, 62%, 56%
CMY	0.8588, 0.3765, 0.4431
CMYK	0.77, 0.00, 0.11, 0.38
HSL	172°, 63%, 38%
HSV	172°, 77%, 62%
XYZ	18.0082, 27.1243, 29.8776
YIQ	120.2850, -67.8510, -31.3630

Conversions

Conversions Part 2

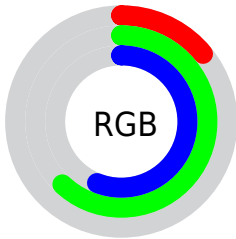
Format	Color
R_{YB}	36, 102, 159
Decimal	2400142
CIE _{Lab}	59.09, -36.49, -0.50
CIE _{LCh}	59, 36.489, 180.786
Y _{xy}	27.1243, 0.2401, 0.3616
Android (android.graphics.Color)	4280590222 (0xFF249F8E)
YUV	120.2850, 10.7055, -73.9179
Hunter-Lab	52.0810, -29.4214, 2.4435

Details

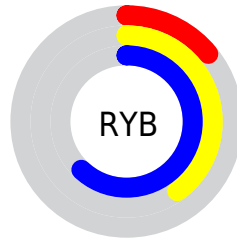
The Hex color **249F8E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F2435**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **66D6C4**, and **006B5C** is the 20% darker color. If you saturate the color by 10%, you get **149F8C**, and if you desaturate by 10%, it is **349F90**.

Distribution



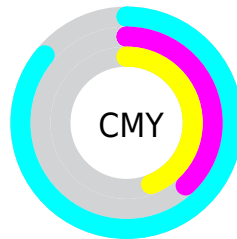
- Red (14%)
- Green (62%)
- Blue (56%)



- Red (14%)
- Yellow (40%)
- Blue (62%)



- Cyan (77%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (86%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249F8E 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 249F8E by changing the saturation by 10% instead.

 249F8E

 249F8E

FFFFFF

 008474

 66D6C4

 006B5C

 84F3E0

 005244

 A1FFFC

 003A2E

 BEFFFF

 00251A

 DCFFFF

 000000

 FAFFFF

 249F8E

 249F8E

 149F8C

 349F90

049F8A

449F92

009F89

549F95

649F97

739F99

839F9B

939F9D

A39FA0

B39FA2

Harmonies

Analogous

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



599C6E



249F8E



009EAE

Triad

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



249F8E



9286C5



BC8157

Complementary

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



249F8E



9F2435

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.



CA786F



249F8E



B77AAE

Square

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



249F8E



5E91CE



CA758F



A28D4D

Rectangle

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



249F8E



009CBF



CA758F



C27E5E

Sweetspot

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



249F8E



9FCFC8



369F24



4B6965



E8E8E8



696969

Same Dimension

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



249F8E



0ECFB4



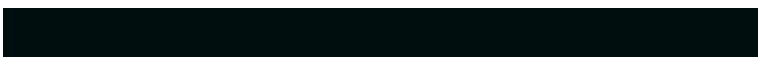
24749F



474F4E



008F7B



000F0D

Inverse Universe

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



9F2435



CF0E29



9F4F24



4F4748



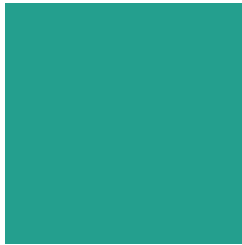
8F0014



0F0002

Previews

White Background



This preview shows how the Hex color 249F8E looks on a white background.

Color Contrast Check

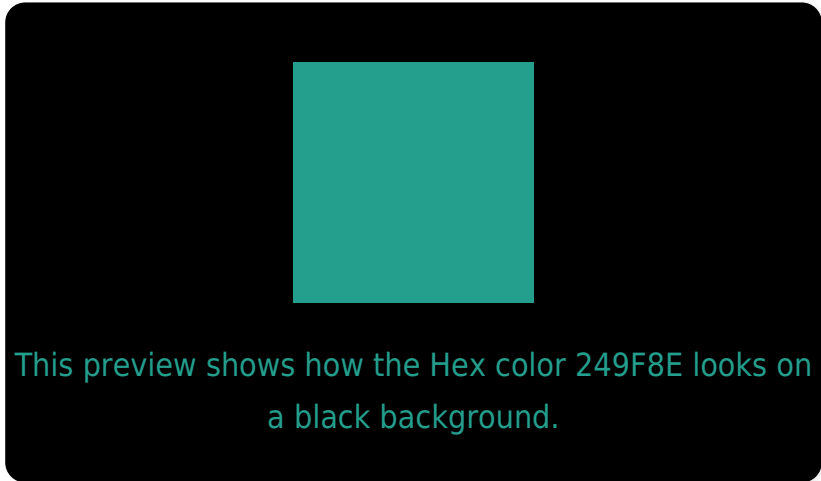
Large Text (above 18pt) WCAG AA ✓ Pass

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

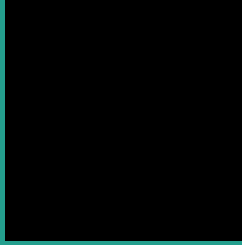
Any Text WCAG AA ✓ Pass

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 249F8E Background



This preview shows how black text looks on a background with the Hex color 249F8E.

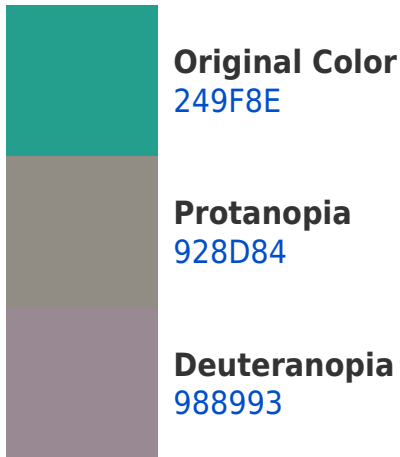


This preview shows how white text looks on a background with the Hex color 249F8E.

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



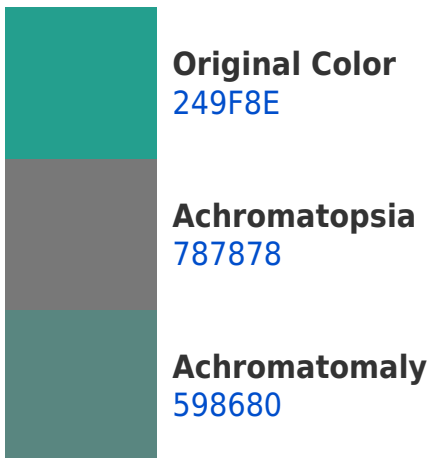


Tritanopia
359BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 249F8E 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 #249F8E looks like.

```
.text, #text, p{  
    color:#249F8E  
}
```

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 #249F8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249F8E
}
```

Border

The CSS property to change the border of an element to Hex 249F8E 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
#249F8E }
```

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

```
.border{ border-color:#249F8E }
```

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

Here you see how a box with a 4 pixel #249F8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249F8E; -webkit-box-shadow:4px 4px  
4px 4px #249F8E; box-shadow:4px 4px 4px  
4px #249F8E }
```

Background

The CSS property to change the background color of an element to Hex 249F8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249F8E }
```

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

```
.background{ background-color:#249F8E }
```

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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