

Converting Colors

Hex(219981)

Have a look what the booklet for
Hex(219981) contains.

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Color

Hex(219981)

Conversions

Conversions Part 1

Format	Color
Hex	219981
RGB	33, 153, 129
RGB Percent	13%, 60%, 51%
CMY	0.8706, 0.4000, 0.4941
CMYK	0.78, 0.00, 0.16, 0.40
HSL	168°, 65%, 36%
HSV	168°, 78%, 60%
XYZ	15.9809, 24.6908, 24.6924
YIQ	114.3840, -63.8160, -32.9040

Conversions

Conversions Part 2

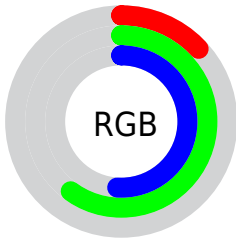
Format	Color
R_{YB}	33, 100, 153
Decimal	2201985
CIE _{Lab}	56.77, -37.71, 3.51
CIE _{LCh}	57, 37.872, 174.687
Yxy	24.6908, 0.2445, 0.3777
Android (android.graphics.Color)	4280392065 (0xFF219981)
YUV	114.3840, 7.2057, -71.3738
Hunter-Lab	49.6898, -29.5493, 5.3198

Details

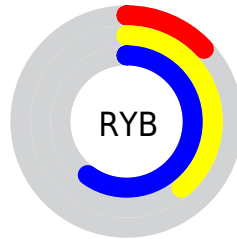
The Hex color **219981** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **992139**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **63D0B6**, and **006550** is the 20% darker color. If you saturate the color by 10%, you get **12997E**, and if you desaturate by 10%, it is **309984**.

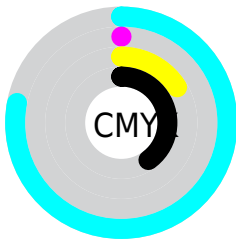
Distribution



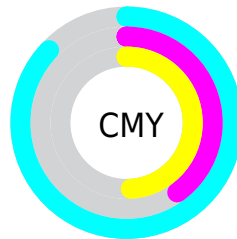
- Red (13%)
- Green (60%)
- Blue (51%)



- Red (13%)
- Yellow (39%)
- Blue (60%)



- Cyan (78%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (87%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219981 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 219981 by changing the saturation by 10% instead.

 219981

 219981

FFFFFF

 007F68

 63D0B6

 006550

 80EDD1

 004C39

 9DFFEE

 003424

 BAF0FF

 00200E

 D7FFFF

 000000

 F5FFFF

 219981

 219981

 12997E

 309984

■ 02997B

■ 409987

■ 00997A

■ 4F998A

■ 5E998D

■ 6D9990

■ 7D9993

■ 8C9996

■ 9B9999

■ AB999D

Harmonies

Analogous

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



5A9661



219981



0099A3

Triad

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



219981



8282C4



BB7953

Complementary

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



219981



992139

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.



C76F6E



219981



AC76AF

Square

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



219981



468DCA



C36E8F



A28446

Rectangle

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



219981



0097B6



C36E8F



C0755B

Sweetspot

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



219981



97C7BD



399921



47635E



E3E3E3



636363

Same Dimension

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



219981



0CC7A2



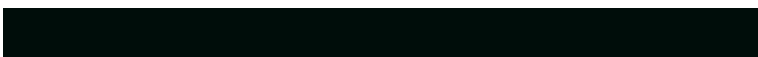
217599



454D4B



008C70



000D0A

Inverse Universe

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



992139



C70C31



994521



4D4546



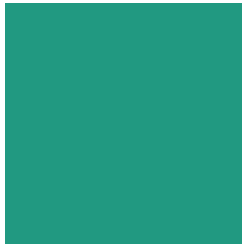
8C001C



0D0003

Previews

White Background



This preview shows how the Hex color 219981 looks on a white background.

Color Contrast Check

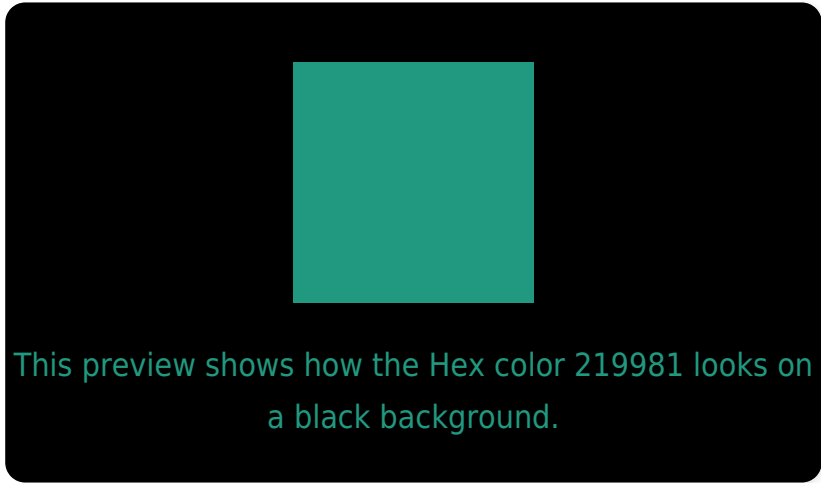
Large Text (above 18pt) WCAG AA ✓ Pass

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

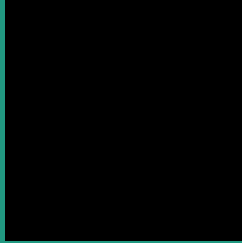
Any Text WCAG AA ✓ Pass

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 219981 Background



This preview shows how black text looks on a background with the Hex color 219981.

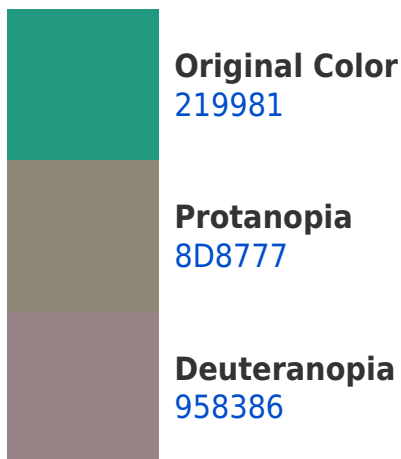


This preview shows how white text looks on a background with the Hex color 219981.

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
3595A1

Trichromacy



Original Color
219981



Protanomaly
668E7B



Deuteranomaly
6B8B84



Tritanomaly
2E9695

Monochromacy



Original Color
219981



Achromatopsia
727272



Achromatomaly
558077

CSS Examples

Text

The CSS property to change the color of the text to Hex 219981 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 #219981 looks like.

```
.text, #text, p{  
    color:#219981  
}
```

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 #219981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219981
}
```

Border

The CSS property to change the border of an element to Hex 219981 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
#219981 }
```

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

```
.border{ border-color:#219981 }
```

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

Here you see how a box with a 4 pixel #219981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219981; -webkit-box-shadow:4px 4px  
4px 4px #219981; box-shadow:4px 4px 4px  
4px #219981 }
```

Background

The CSS property to change the background color of an element to Hex 219981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219981 }
```

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

```
.background{ background-color:#219981 }
```

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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