

Converting Colors

Hex(219885)

Have a look what the booklet for
Hex(219885) contains.

Hex(219885)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(219885)

Conversions

Conversions Part 1

Format	Color
Hex	219885
RGB	33, 152, 133
RGB Percent	13%, 60%, 52%
CMY	0.8706, 0.4039, 0.4784
CMYK	0.78, 0.00, 0.12, 0.40
HSL	170°, 64%, 36%
HSV	170°, 78%, 60%
XYZ	16.0891, 24.4733, 26.0661
YIQ	114.2530, -64.8250, -31.1370

Conversions

Conversions Part 2

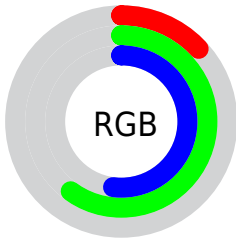
Format	Color
R_{YB}	33, 98, 152
Decimal	2201733
CIE _{Lab}	56.56, -36.16, 0.92
CIE _{LCh}	57, 36.175, 178.549
Yxy	24.4733, 0.2415, 0.3673
Android (android.graphics.Color)	4280391813 (0xFF219885)
YUV	114.2530, 9.2423, -71.2589
Hunter-Lab	49.4705, -28.5205, 3.3892

Details

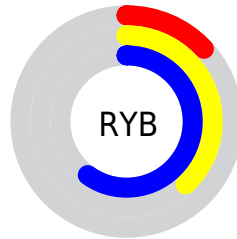
The Hex color **219885** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **982134**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **63CFBA**, and **006454** is the 20% darker color. If you saturate the color by 10%, you get **129883**, and if you desaturate by 10%, it is **309887**.

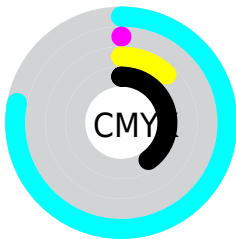
Distribution



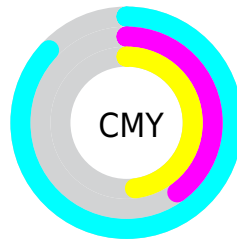
- Red (13%)
- Green (60%)
- Blue (52%)



- Red (13%)
- Yellow (38%)
- Blue (60%)



- Cyan (78%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)




- Cyan (87%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219885 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 219885 by changing the saturation by 10% instead.

 219885

 219885

FFFFFF

 007E6C

 63CFBA

 006454

 80EBD6

 004B3D

 9DFFF2

 003427

 BAF0FF

 001F12

 D8FFF0

 000000

 F5FFF0

 219885

 219885

 129883

 309887

039880

3F988A

009880

4F988C

5E988F

6D9891

7C9894

8B9896

9B9898

AA989B

Harmonies

Analogous

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



579566



219885



0098A5

Triad

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



219885



8880BF



B67A53

Complementary

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



219885



982134

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.



C3716B



219885



AE75A9

Square

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



219885



538BC6



C16E8A



9D8548

Rectangle

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



219885



0095B6



C16E8A



BC775A

Sweetspot

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



219885



97C4BD



359821



48635F



E3E3E3



636363

Same Dimension

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



219885



0CC4A7



217098



454D4B



008C76



000D0B

Inverse Universe

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



982134



C40C29



984921



4D4546



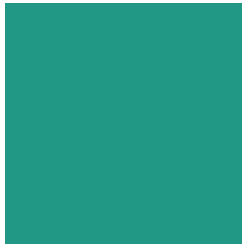
8C0016



0D0002

Previews

White Background



This preview shows how the Hex color 219885 looks on a white background.

Color Contrast Check

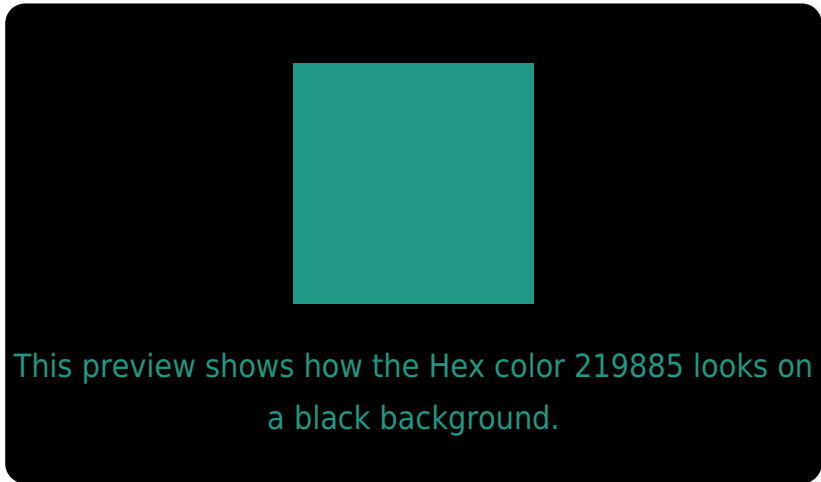
Large Text (above 18pt) WCAG AA ✓ Pass

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

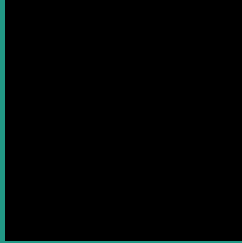
Any Text WCAG AA ✓ Pass

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 219885 Background



This preview shows how black text looks on a background with the Hex color 219885.

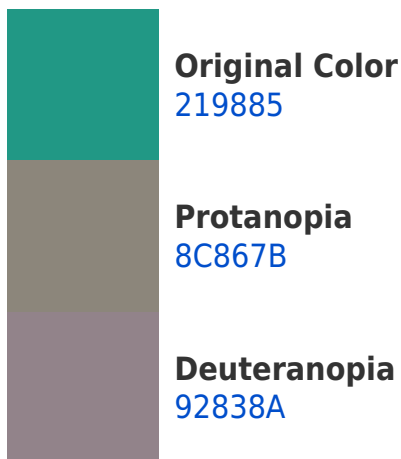


This preview shows how white text looks on a background with the Hex color 219885.

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
3394A0

Trichromacy



Original Color
219885



Protanomaly
658D7F



Deuteranomaly
698B88



Tritanomaly
2C9596

Monochromacy



Original Color
219885



Achromatopsia
727272



Achromatomaly
558079

CSS Examples

Text

The CSS property to change the color of the text to Hex 219885 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 #219885 looks like.

```
.text, #text, p{  
    color:#219885  
}
```

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 #219885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219885
}
```

Border

The CSS property to change the border of an element to Hex 219885 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
#219885 }
```

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

```
.border{ border-color:#219885 }
```

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

Here you see how a box with a 4 pixel #219885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219885; -webkit-box-shadow:4px 4px  
4px 4px #219885; box-shadow:4px 4px 4px  
4px #219885 }
```

Background

The CSS property to change the background color of an element to Hex 219885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219885 }
```

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

```
.background{ background-color:#219885 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor