

Converting Colors

Hex(219B97)

Have a look what the booklet for
Hex(219B97) contains.

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Color

Hex(219B97)

Conversions

Conversions Part 1

Format	Color
Hex	219B97
RGB	33, 155, 151
RGB Percent	13%, 61%, 59%
CMY	0.8706, 0.3922, 0.4078
CMYK	0.79, 0.00, 0.03, 0.39
HSL	178°, 65%, 37%
HSV	178°, 79%, 61%
XYZ	17.9345, 26.0004, 33.3515
YIQ	118.0660, -71.4280, -27.1080

Conversions

Conversions Part 2

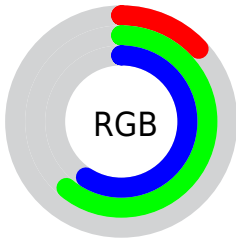
Format	Color
R_{YB}	33, 95, 155
Decimal	2202519
CIE _{Lab}	58.04, -32.34, -7.17
CIE _{LCh}	58, 33.129, 192.495
Yxy	26.0004, 0.2321, 0.3364
Android (android.graphics.Color)	4280392599 (0xFF219B97)
YUV	118.0660, 16.2365, -74.6029
Hunter-Lab	50.9906, -26.4513, -3.0865

Details

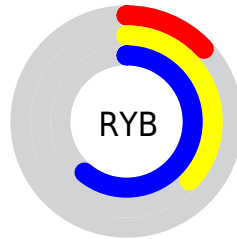
The Hex color **219B97** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B2125**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **65D2CD**, and **006764** is the 20% darker color. If you saturate the color by 10%, you get **119B96**, and if you desaturate by 10%, it is **309B98**.

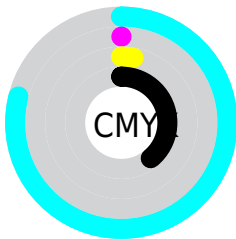
Distribution



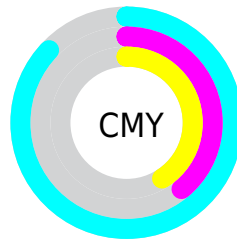
- Red (13%)
- Green (61%)
- Blue (59%)



- Red (13%)
- Yellow (37%)
- Blue (61%)



- Cyan (79%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)




- Cyan (87%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219B97 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 219B97 by changing the saturation by 10% instead.

 219B97

 219B97

FFFFFF

 00817D

 65D2CD

 006764

 83EFE9

 004E4C

 A0FFFF

 003736

 BDFFFF

 002320

 DBFFFF


 000009

 F9FFFF

 000000

 219B97

 219B97

 119B96

 309B98

■ 029B96

■ 409B98

■ 009B96

■ 4F9B99

■ 5F9B99

■ 6E9B9A

■ 7E9B9A

■ 8D9B9B

■ 9D9B9B

■ AC9B9C

Harmonies

Analogous

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



4E9A79



219B97



0699B2

Triad

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



219B97



9E80B6



AD8454

Complementary

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



219B97



9B2125

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.



BF7A66



219B97



B9779E

Square

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



219B97



758AC4



C47580



938E52

Rectangle

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



219B97



2F96BE



C47580



B48059

Sweetspot

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



219B97



99C9C8



259B21



486665



E6E6E6



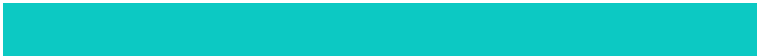
666666

Same Dimension

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



219B97



0CC9C3



21629B



454D4C



008C88



000D0C

Inverse Universe

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



9B2125



C90C12



9B5A21



4D4545



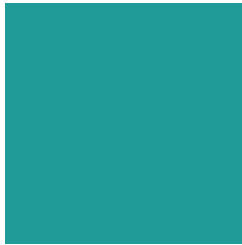
8C0005



0D0000

Previews

White Background



This preview shows how the Hex color 219B97 looks on a white background.

Color Contrast Check

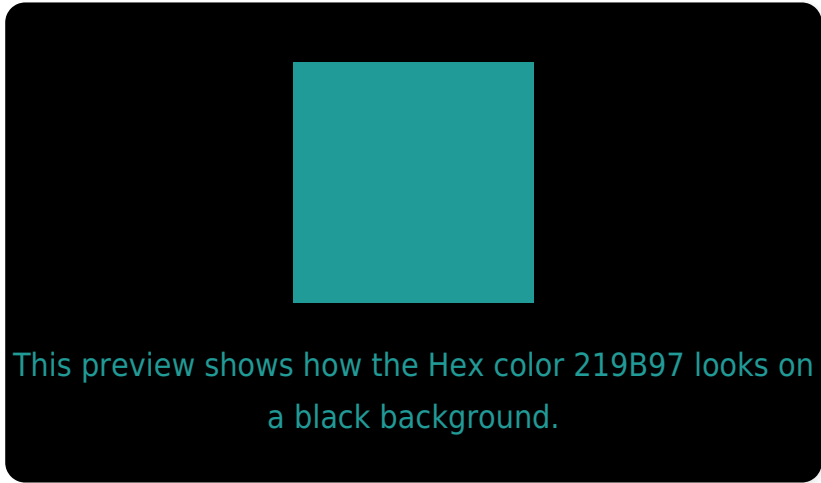
Large Text (above 18pt) WCAG AA ✓ Pass

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

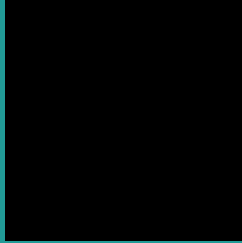
Any Text WCAG AA ✓ Pass

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 219B97 Background



This preview shows how black text looks on a background with the Hex color 219B97.

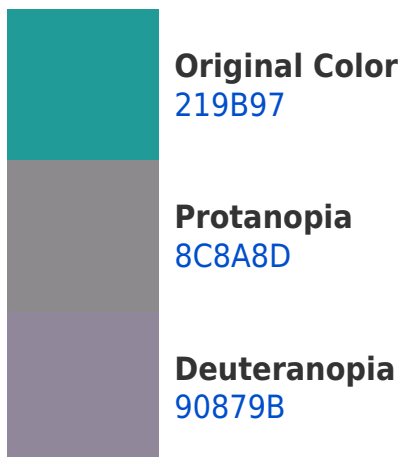


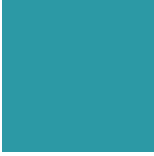
This preview shows how white text looks on a background with the Hex color 219B97.

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
2C99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 219B97 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 #219B97 looks like.

```
.text, #text, p{  
    color:#219B97  
}
```

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 #219B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219B97
}
```

Border

The CSS property to change the border of an element to Hex 219B97 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
#219B97 }
```

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

```
.border{ border-color:#219B97 }
```

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

Here you see how a box with a 4 pixel #219B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219B97; -webkit-box-shadow:4px 4px  
4px 4px #219B97; box-shadow:4px 4px 4px  
4px #219B97 }
```

Background

The CSS property to change the background color of an element to Hex 219B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219B97 }
```

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

```
.background{ background-color:#219B97 }
```

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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