

Converting Colors

Hex(199AA5)

Have a look what the booklet for
Hex(199AA5) contains.

Hex(199AA5)	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(199AA5)

Conversions

Conversions Part 1

Format	Color
Hex	199AA5
RGB	25, 154, 165
RGB Percent	10%, 60%, 65%
CMY	0.9020, 0.3961, 0.3529
CMYK	0.85, 0.07, 0.00, 0.35
HSL	185°, 74%, 37%
HSV	185°, 85%, 65%
XYZ	18.7480, 26.0345, 39.6343
YIQ	116.6830, -80.4150, -23.9270

Conversions

Conversions Part 2

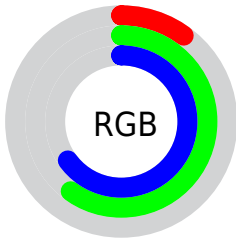
Format	Color
R _Y B	25, 92, 165
Decimal	1677989
CIE Lab	58.07, -28.21, -15.10
CIE LCh	58, 31.996, 208.151
Yxy	26.0345, 0.2221, 0.3084
Android (android.graphics.Color)	4279868069 (0xFF199AA5)
YUV	116.6830, 23.8203, -80.4060
Hunter-Lab	51.0240, -23.7047, -10.3384

Details

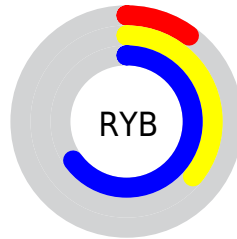
The Hex color **199AA5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A52419**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **63D1DC**, and **006671** is the 20% darker color. If you saturate the color by 10%, you get **0899A5**, and if you desaturate by 10%, it is **2A9BA5**.

Distribution



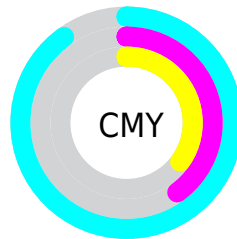
- Red (10%)
- Green (60%)
- Blue (65%)



- Red (10%)
- Yellow (36%)
- Blue (65%)



- Cyan (85%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (90%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 199AA5 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 199AA5 by changing the saturation by 10% instead.

199AA5

199AA5

FFFFFF

00808B

63D1DC

006671

81EDF9

004E59

9FFFFFF

003641

BDFFFF

00222B

DBFFFF

000117

F9FFFF

000000

199AA5

199AA5

0899A5

2A9BA5

■ 0098A5

■ 3A9DA5

■ 4A9EA5

■ 5B9FA5

■ 6CA0A5

■ 7CA2A5

■ 8CA3A5

■ 9DA4A5

■ ADA6A5

Harmonies

Analogous

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



3D9A89



199AA5



2F96BA

Triad

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



199AA5



AD7BAA



A08953

Complementary

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



199AA5



A52419

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.



B6805D



199AA5



BF768E

Square

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



199AA5



8C85BD



C27873



839259

Rectangle

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



199AA5



5092C2



C27873



A88655

Sweetspot

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



199AA5



A1D2D6



19A522



4B696B



EBEBEB



6B6B6B

Same Dimension

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



199AA5



00C5D6



1956A5



495152



008691



001012

Inverse Universe

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



A5199A



D600C5



A56819



524951



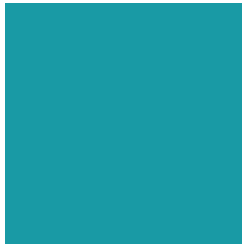
910086



120010

Previews

White Background



This preview shows how the Hex color 199AA5 looks on a white background.

Color Contrast Check

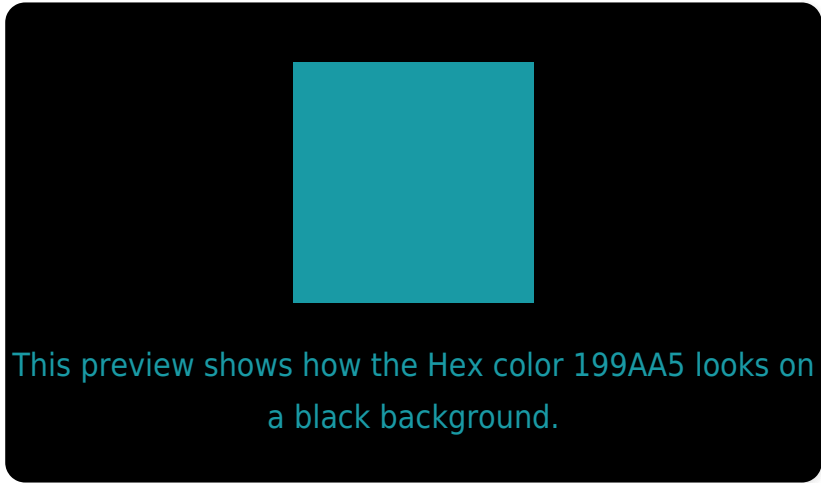
Large Text (above 18pt) WCAG AA ✓ Pass

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

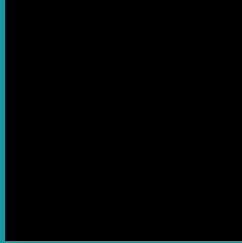
Any Text WCAG AA ✓ Pass

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 199AA5 Background



This preview shows how black text looks on a background with the Hex color 199AA5.

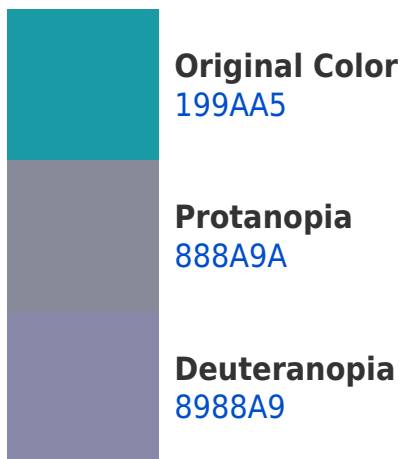


This preview shows how white text looks on a background with the Hex color 199AA5.

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](#).

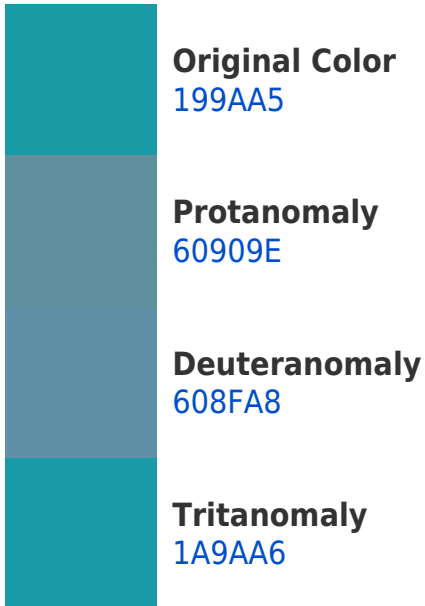
Dichromacy





Tritanopia
1B9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 199AA5 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 #199AA5 looks like.

```
.text, #text, p{  
    color:#199AA5  
}
```

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 #199AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #199AA5
}
```

Border

The CSS property to change the border of an element to Hex 199AA5 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
#199AA5 }
```

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

```
.border{ border-color:#199AA5 }
```

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

Here you see how a box with a 4 pixel #199AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #199AA5; -webkit-box-shadow:4px 4px  
4px 4px #199AA5; box-shadow:4px 4px 4px  
4px #199AA5 }
```

Background

The CSS property to change the background color of an element to Hex 199AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#199AA5 }
```

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

```
.background{ background-color:#199AA5 }
```

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