

Converting Colors

Hex(5199AA)

Have a look what the booklet for
Hex(5199AA) contains.

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Color

Hex(5199AA)

Conversions

Conversions Part 1

Format	Color
Hex	5199AA
RGB	81, 153, 170
RGB Percent	32%, 60%, 67%
CMY	0.6824, 0.4000, 0.3333
CMYK	0.52, 0.10, 0.00, 0.33
HSL	191°, 35%, 49%
HSV	191°, 52%, 67%
XYZ	22.0403, 27.4341, 42.1639
YIQ	133.4100, -48.3690, -9.9770

Conversions

Conversions Part 2

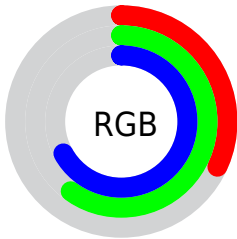
Format	Color
R_{YB}	81, 121, 170
Decimal	5347754
CIE _{Lab}	59.37, -17.71, -15.82
CIE _{LCh}	59, 23.745, 221.785
Yxy	27.4341, 0.2405, 0.2994
Android (android.graphics.Color)	4283537834 (0xFF5199AA)
YUV	133.4100, 18.0389, -45.9636
Hunter-Lab	52.3775, -16.5486, -11.0641

Details

The Hex color **5199AA** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AA6251**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **89CFE1**, and **106676** is the 20% darker color. If you saturate the color by 10%, you get **4096AA**, and if you desaturate by 10%, it is **629CAA**.

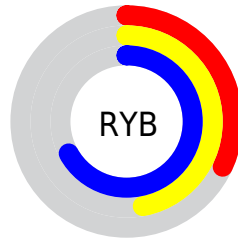
Distribution



Red (32%)

Green (60%)

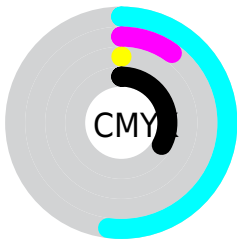
Blue (67%)



Red (32%)

Yellow (47%)

Blue (67%)

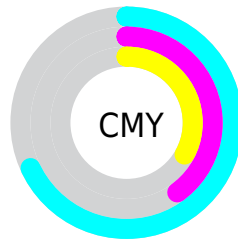


Cyan (52%)

Magenta (10%)

Yellow (0%)

Black (33%)



Cyan (68%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5199AA 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 5199AA by changing the saturation by 10% instead.

■ 5199AA

■ 5199AA

FFFFFF

■ 347F90

■ 89CFE1

■ 106676

■ A5ECFE

■ 004E5D

■ C1FFFF

■ 003746

■ DEFFFF

■ 00212F

■ FCFFFF

■ 00011B

■ 000000

■ 5199AA

■ 5199AA

■ 4096AA

■ 629CAA

2F93AA

739FAA

1E8FAA

84A3AA

0D8CAA

95A6AA

008AAA

A6A9AA

B7ACAA

C8B0AA

D9B3AA

EAB6AA

Harmonies

Analogous

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



549B97



5199AA



6395B6

Triad

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



5199AA



B0819C



969066

Complementary

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



5199AA



AA6251

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.



A98968



5199AA



B98087

Square

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



5199AA



9C87AE



B68374



7E966F

Rectangle

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



5199AA



7690B8



B68374



9D8E65

Sweetspot

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



5199AA



BAD7DE



51AA61



5B6C70



F0F0F0



707070

Same Dimension

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



5199AA



52C3DE



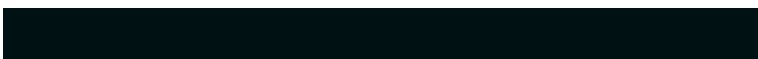
516DAA



4C5354



007894



001114

Inverse Universe

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



AA5199



DE52C3



AA8E51



544C53



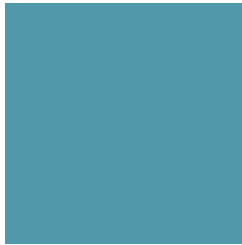
940078



140011

Previews

White Background



This preview shows how the Hex color 5199AA looks on a white background.

Color Contrast Check

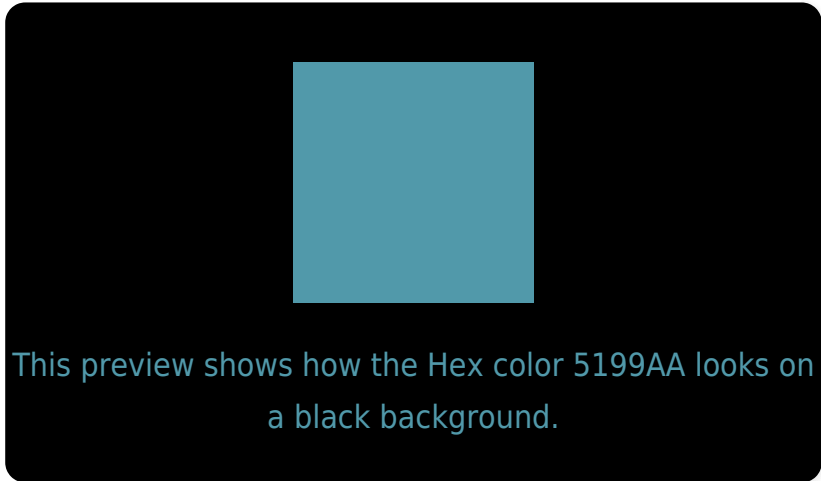
Large Text (above 18pt) WCAG AA ✓ Pass

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

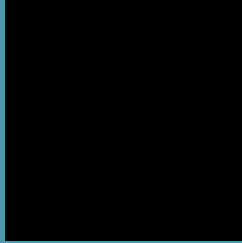
Any Text WCAG AA ✓ Pass

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 5199AA Background



This preview shows how black text looks on a background with the Hex color 5199AA.

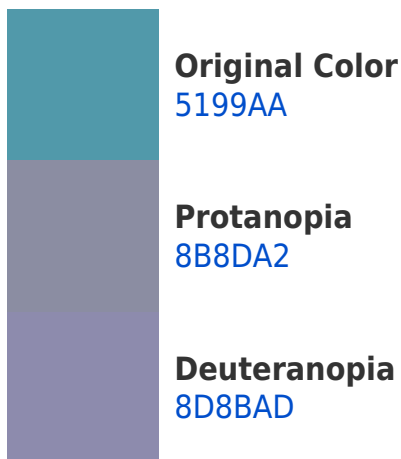


This preview shows how white text looks on a background with the Hex color 5199AA.

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](#).

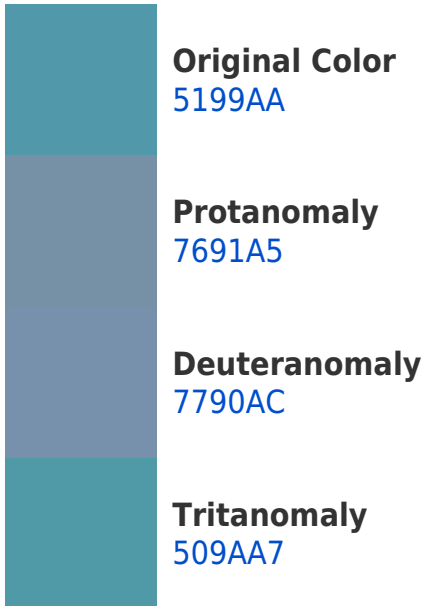
Dichromacy





Tritanopia
509AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5199AA 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 #5199AA looks like.

```
.text, #text, p{  
    color:#5199AA  
}
```

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 #5199AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5199AA
}
```

Border

The CSS property to change the border of an element to Hex 5199AA 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
#5199AA }
```

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

```
.border{ border-color:#5199AA }
```

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

Here you see how a box with a 4 pixel #5199AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5199AA; -webkit-box-shadow:4px 4px  
4px 4px #5199AA; box-shadow:4px 4px 4px  
4px #5199AA }
```

Background

The CSS property to change the background color of an element to Hex 5199AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5199AA }
```

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

```
.background{ background-color:#5199AA }
```

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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