

Converting Colors

Hex(2199A2)

Have a look what the booklet for
Hex(2199A2) contains.

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Color

Hex(2199A2)

Conversions

Conversions Part 1

Format	Color
Hex	2199A2
RGB	33, 153, 162
RGB Percent	13%, 60%, 64%
CMY	0.8706, 0.4000, 0.3647
CMYK	0.80, 0.06, 0.00, 0.36
HSL	184°, 66%, 38%
HSV	184°, 80%, 64%
XYZ	18.5400, 25.7144, 38.1686
YIQ	118.1460, -74.4090, -22.6410

Conversions

Conversions Part 2

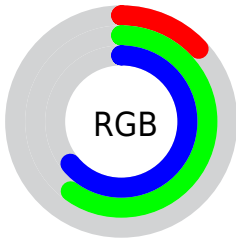
Format	Color
RYB	33, 95, 162
Decimal	2202018
CIELab	57.76, -27.98, -13.84
CIElCh	58, 31.213, 206.318
Yxy	25.7144, 0.2249, 0.3120
Android (android.graphics.Color)	4280392098 (0xFF2199A2)
YUV	118.1460, 21.6200, -74.6730
Hunter-Lab	50.7094, -23.4795, -9.1306

Details

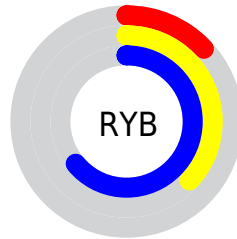
The Hex color **2199A2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A22A21**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **66D0D9**, and **00656E** is the 20% darker color. If you saturate the color by 10%, you get **1198A2**, and if you desaturate by 10%, it is **319AA2**.

Distribution



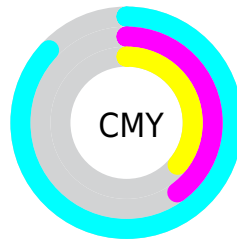
- Red (13%)
- Green (60%)
- Blue (64%)



- Red (13%)
- Yellow (37%)
- Blue (64%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)




- Cyan (87%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2199A2 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 2199A2 by changing the saturation by 10% instead.

 2199A2

 2199A2

FFFFFF

 007F88

 66D0D9

 00656E

 84ECF5

 004D56

 A1FFFF

 00363F


 BFFFFFF

 002229

 DDDFFF


 000115


 FFFFFFF

 000000

 2199A2

 2199A2

 1198A2

 319AA2

0197A2

419BA2

0097A2

529CA2

629EA2

729FA2

82A0A2

92A1A2

A3A2A2

B3A3A2

Harmonies

Analogous

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



419986



2199A2



3195B7

Triad

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



2199A2



AA7BA9



A08854

Complementary

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



2199A2



A22A21

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.



B57F5E



2199A2



BD768F

Square

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



2199A2



8985BC



C07774



849059

Rectangle

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



2199A2



4F91BF



C07774



A88556

Sweetspot

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



2199A2



A1D0D4



21A22A



4C696B



EBEBEB



6B6B6B

Same Dimension

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



2199A2



08C5D4



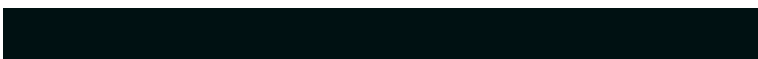
2159A2



495152



008791



001112

Inverse Universe

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



A22199



D408C5



A26A21



524951



910087



120011

Previews

White Background



This preview shows how the Hex color 2199A2 looks on a white background.

Color Contrast Check

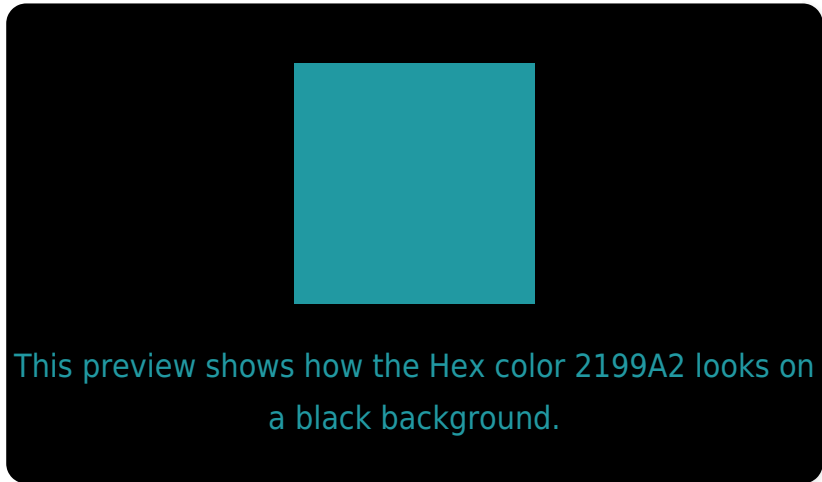
Large Text (above 18pt) WCAG AA ✓ Pass

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

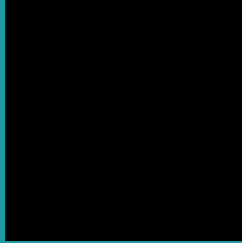
Any Text WCAG AA ✓ Pass

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 2199A2 Background



This preview shows how black text looks on a background with the Hex color 2199A2.

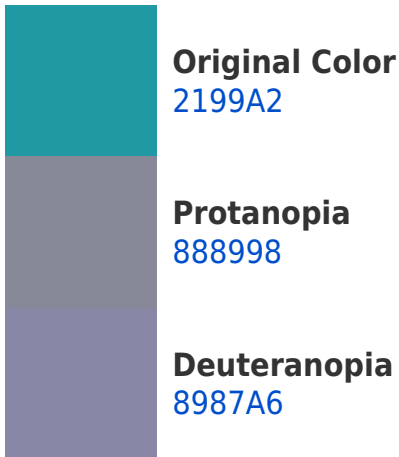


This preview shows how white text looks on a background with the Hex color 2199A2.

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
2499A5

Trichromacy



Original Color
2199A2



Protanomaly
638F9C



Deuteranomaly
638EA5



Tritanomaly
2399A4

Monochromacy



Original Color
2199A2



Achromatopsia
767676



Achromatomaly
578386

CSS Examples

Text

The CSS property to change the color of the text to Hex 2199A2 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 #2199A2 looks like.

```
.text, #text, p{  
    color:#2199A2  
}
```

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 #2199A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2199A2
}
```

Border

The CSS property to change the border of an element to Hex 2199A2 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
#2199A2 }
```

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

```
.border{ border-color:#2199A2 }
```

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

Here you see how a box with a 4 pixel #2199A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2199A2; -webkit-box-shadow:4px 4px  
4px 4px #2199A2; box-shadow:4px 4px 4px  
4px #2199A2 }
```

Background

The CSS property to change the background color of an element to Hex 2199A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2199A2 }
```

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

```
.background{ background-color:#2199A2 }
```

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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