

Converting Colors

Hex(199B94)

Have a look what the booklet for
Hex(199B94) contains.

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Color

Hex(199B94)

Conversions

Conversions Part 1

Format	Color
Hex	199B94
RGB	25, 155, 148
RGB Percent	10%, 61%, 58%
CMY	0.9020, 0.3922, 0.4196
CMYK	0.84, 0.00, 0.05, 0.39
HSL	177°, 72%, 35%
HSV	177°, 84%, 61%
XYZ	17.4675, 25.7875, 32.0738
YIQ	115.3320, -75.2330, -29.7370

Conversions

Conversions Part 2

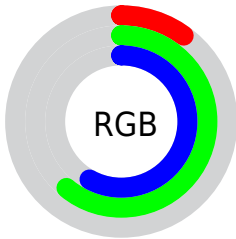
Format	Color
R_{YB}	25, 92, 155
Decimal	1678228
CIE _{Lab}	57.83, -33.98, -5.77
CIE _{LCh}	58, 34.468, 189.641
Yxy	25.7875, 0.2319, 0.3423
Android (android.graphics.Color)	4279868308 (0xFF199B94)
YUV	115.3320, 16.1053, -79.2212
Hunter-Lab	50.7814, -27.4678, -1.9010

Details

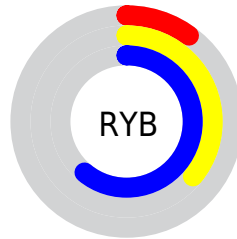
The Hex color **199B94** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B1920**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **61D2CA**, and **006761** is the 20% darker color. If you saturate the color by 10%, you get **099B93**, and if you desaturate by 10%, it is **289B95**.

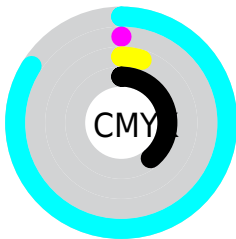
Distribution



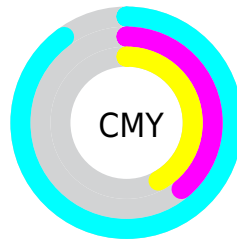
- Red (10%)
- Green (61%)
- Blue (58%)



- Red (10%)
- Yellow (36%)
- Blue (61%)



- Cyan (84%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)



- Cyan (90%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 199B94 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 199B94 by changing the saturation by 10% instead.

 199B94

 199B94

FFFFFF

 00817A

 61D2CA

 006761

 7FEFE6

 004E4A

 9CFFFF

 003733

 BAFFFF

 00231E

 D8FFFF

 000005

 F6FFFF

 000000

 199B94

 199B94

 099B93

 289B95

■ 009B93

■ 389B96

■ 489B97

■ 579B97

■ 669B98

■ 769B99

■ 859B9A

■ 959B9B

■ A49B9C

Harmonies

Analogous

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



4E9975



199B94



0099B0

Triad

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



199B94



9B80B9



B08253

Complementary

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



199B94



9B1920

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.



C17866



199B94



B876A1

Square

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



199B94



6E8BC6



C57382



958C4F

Rectangle

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



199B94



1C96BE



C57382



B77E58

Sweetspot

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



199B94



97C9C7



229B19



476664



E6E6E6



666666

Same Dimension

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



199B94



00C9BF



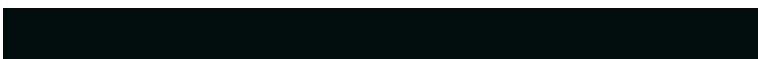
19639B



454D4C



008C85



000D0C

Inverse Universe

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



9B1920



C9000B



9B5119



4D4545



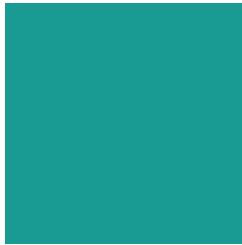
8C0008



0D0001

Previews

White Background



This preview shows how the Hex color 199B94 looks on a white background.

Color Contrast Check

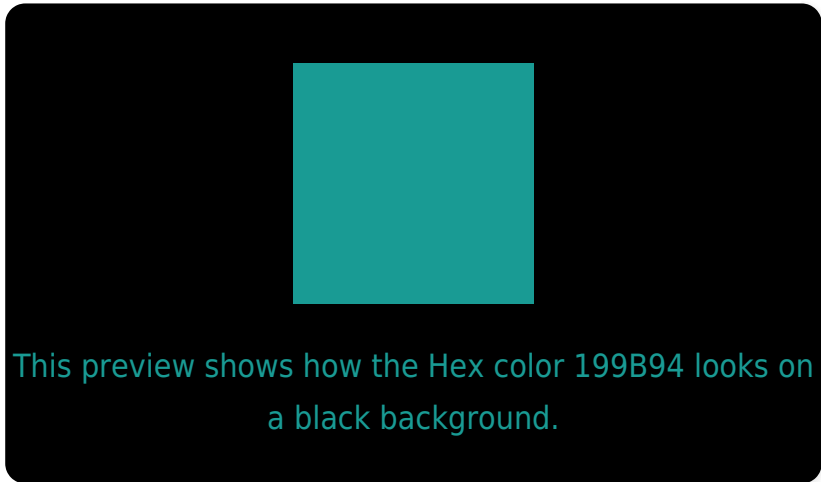
Large Text (above 18pt) WCAG AA ✓ Pass

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

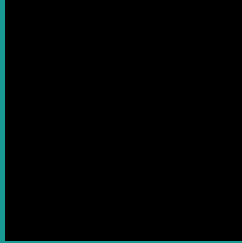
Any Text WCAG AA ✓ Pass

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 199B94 Background



This preview shows how black text looks on a background with the Hex color 199B94.

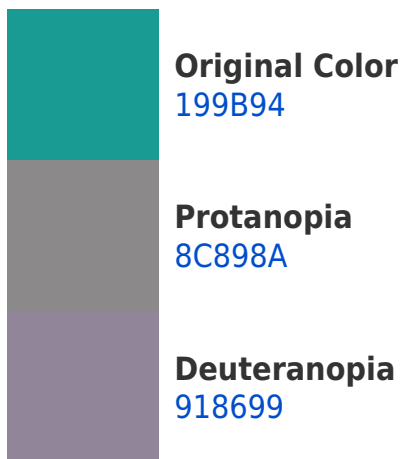


This preview shows how white text looks on a background with the Hex color 199B94.

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
2998A5

Trichromacy



Original Color
199B94



Protanomaly
62908E



Deuteranomaly
658E97



Tritanomaly
23999F

Monochromacy



Original Color
199B94



Achromatopsia
737373



Achromatomaly
52827F

CSS Examples

Text

The CSS property to change the color of the text to Hex 199B94 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 #199B94 looks like.

```
.text, #text, p{  
    color:#199B94  
}
```

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 #199B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #199B94
}
```

Border

The CSS property to change the border of an element to Hex 199B94 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
#199B94 }
```

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

```
.border{ border-color:#199B94 }
```

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

Here you see how a box with a 4 pixel #199B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #199B94; -webkit-box-shadow:4px 4px  
4px 4px #199B94; box-shadow:4px 4px 4px  
4px #199B94 }
```

Background

The CSS property to change the background color of an element to Hex 199B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#199B94 }
```

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

```
.background{ background-color:#199B94 }
```

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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