

Converting Colors

Hex(199D94)

Have a look what the booklet for
Hex(199D94) contains.

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Color

Hex(199D94)

Conversions

Conversions Part 1

Format	Color
Hex	199D94
RGB	25, 157, 148
RGB Percent	10%, 62%, 58%
CMY	0.9020, 0.3843, 0.4196
CMYK	0.84, 0.00, 0.06, 0.38
HSL	176°, 73%, 36%
HSV	176°, 84%, 62%
XYZ	17.8032, 26.4587, 32.1857
YIQ	116.5060, -75.7830, -30.7830

Conversions

Conversions Part 2

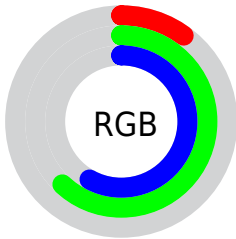
Format	Color
R_{YB}	25, 93, 157
Decimal	1678740
CIE _{Lab}	58.47, -34.91, -4.83
CIE _{LCh}	58, 35.243, 187.881
Yxy	26.4587, 0.2329, 0.3461
Android (android.graphics.Color)	4279868820 (0xFF199D94)
YUV	116.5060, 15.5265, -80.2508
Hunter-Lab	51.4381, -28.2361, -1.0922

Details

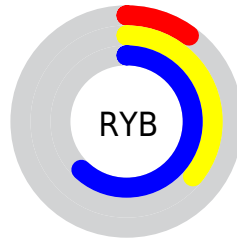
The Hex color **199D94** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D1922**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **62D4CA**, and **006961** is the 20% darker color. If you saturate the color by 10%, you get **099D93**, and if you desaturate by 10%, it is **299D95**.

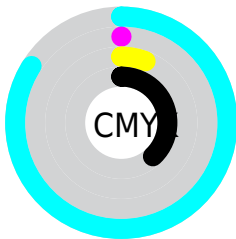
Distribution



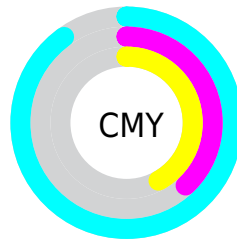
- Red (10%)
- Green (62%)
- Blue (58%)



- Red (10%)
- Yellow (36%)
- Blue (62%)



- Cyan (84%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (90%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 199D94 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 199D94 by changing the saturation by 10% instead.

 199D94

 199D94

FFFFFF

 00837A

 62D4CA

 006961

 7FF1E6

 00504A

 9DFFFF

 003833

 BAFFFF

 00241E

 D8FFFF

 000005

 F6FFFF

 000000

 199D94

 199D94

 099D93

 299D95

■ 009D92

■ 389D96

■ 489D97

■ 589D98

■ 689D99

■ 779D9A

■ 879D9B

■ 979D9D

■ A69D9E

Harmonies

Analogous

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



509B74



199D94



009BB2

Triad

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



199D94



9B82BD



B48354

Complementary

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



199D94



9D1922

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.



C57968



199D94



BA78A5

Square

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



199D94



6C8DC9



C87486



998D4E

Rectangle

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



199D94



0F98C0



C87486



BB7F59

Sweetspot

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



199D94



99CCC9



249D19



476664



E6E6E6



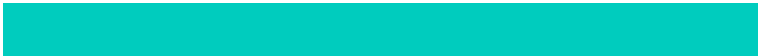
666666

Same Dimension

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



199D94



00CCBE



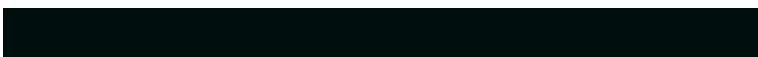
19669D



474F4F



008F85



000F0E

Inverse Universe

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



9D1922



CC000E



9D5019



4F4748



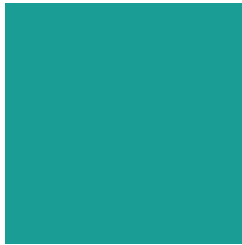
8F000A



0F0001

Previews

White Background



This preview shows how the Hex color 199D94 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



This preview shows how the Hex color 199D94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

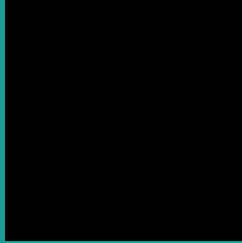
Any Text WCAG AA ✓ Pass

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 199D94 Background



This preview shows how black text looks on a background with the Hex color 199D94.

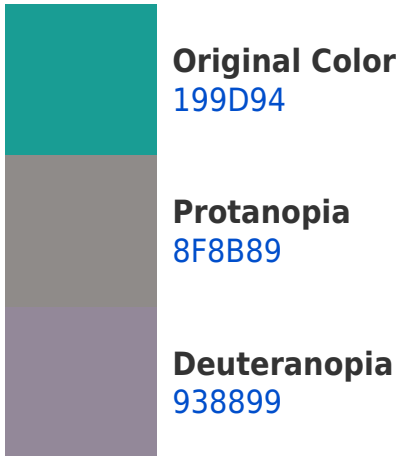


This preview shows how white text looks on a background with the Hex color 199D94.

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
2A9AA7

Trichromacy



Original Color
199D94



Protanomaly
64928D



Deuteranomaly
679097



Tritanomaly
249BA0

Monochromacy



Original Color
199D94



Achromatopsia
757575



Achromatomaly
548480

CSS Examples

Text

The CSS property to change the color of the text to Hex 199D94 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 #199D94 looks like.

```
.text, #text, p{  
  color:#199D94  
}
```

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 #199D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #199D94
}
```

Border

The CSS property to change the border of an element to Hex 199D94 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
#199D94 }
```

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

```
.border{ border-color:#199D94 }
```

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

Here you see how a box with a 4 pixel #199D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #199D94; -webkit-box-shadow:4px 4px  
4px 4px #199D94; box-shadow:4px 4px 4px  
4px #199D94 }
```

Background

The CSS property to change the background color of an element to Hex 199D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#199D94 }
```

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

```
.background{ background-color:#199D94 }
```

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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