

# Converting Colors

Hex(199293)

Have a look what the booklet for  
Hex(199293) contains.

<b>Hex(199293)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(199293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	199293
RGB	25, 146, 147
RGB Percent	10%, 57%, 58%
CMY	0.9020, 0.4275, 0.4235
CMYK	0.83, 0.01, 0.00, 0.42
HSL	180°, 71%, 34%
HSV	180°, 83%, 58%
XYZ	15.9462, 22.8710, 31.1779
YIQ	109.9350, -72.4370, -25.3410

# Conversions

## Conversions Part 2

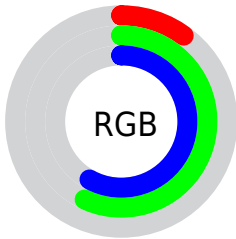
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 86, 147
Decimal	1675923
CIE <sub>Lab</sub>	54.94, -30.00, -9.51
CIE <sub>LCh</sub>	55, 31.477, 197.593
Yxy	22.8710, 0.2278, 0.3268
Android (android.graphics.Color)	4279866003 (0xFF199293)
YUV	109.9350, 18.2730, -74.4880
Hunter-Lab	47.8237, -24.1726, -5.1766

# Details

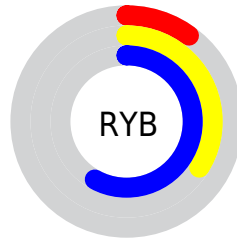
The Hex color **199293** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **931A19**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **60C8C9**, and **005F61** is the 20% darker color. If you saturate the color by 10%, you get **0A9293**, and if you desaturate by 10%, it is **289293**.

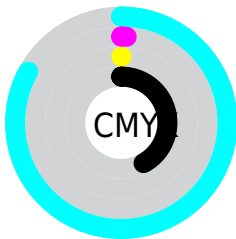
# Distribution



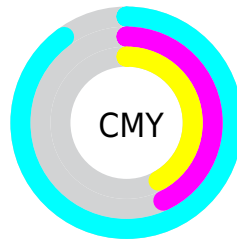
- Red (10%)
- Green (57%)
- Blue (58%)



- Red (10%)
- Yellow (34%)
- Blue (58%)



- Cyan (83%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (90%)
- Magenta (43%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 199293 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 199293 by changing the saturation by 10% instead.



 199293

 199293

FFFFFF

 007879

 60C8C9

 005F61

 7DE5E5

 004749

 9AFFFF

 002F32

 B8FFFF

 001B1D

 D5FFFF

 000002

 F3FFFF

 000000

 199293

 199293

 0A9293

 289293

009293

369293

459293

549293

629393

719393

809393

8F9393

9D9393

# Harmonies

## Analogous

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



439177



199293



148FAB

# Triad

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



199293



9A77A8



9F7E4E

# Complementary

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



199293



931A19

# 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.



B2755C



199293



B16F90

# Square

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



199293



7681B7



B96F74



85874F

# Rectangle

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



199293



378CB5



B96F74



A77B52



# Sweetspot

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



199293



8FBFBF



199319



446161



E0E0E0



616161



# Same Dimension

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



199293



00BEBF



195693



434A4A



00898A



000A0A



# Inverse Universe

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



931992



BF00BE



935619



4A434A



8A0089

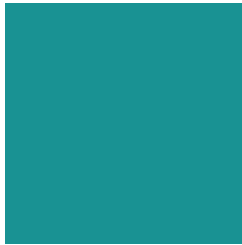


0A000A



# Previews

## White Background



This preview shows how the Hex color 199293 looks on a white background.

## Color Contrast Check

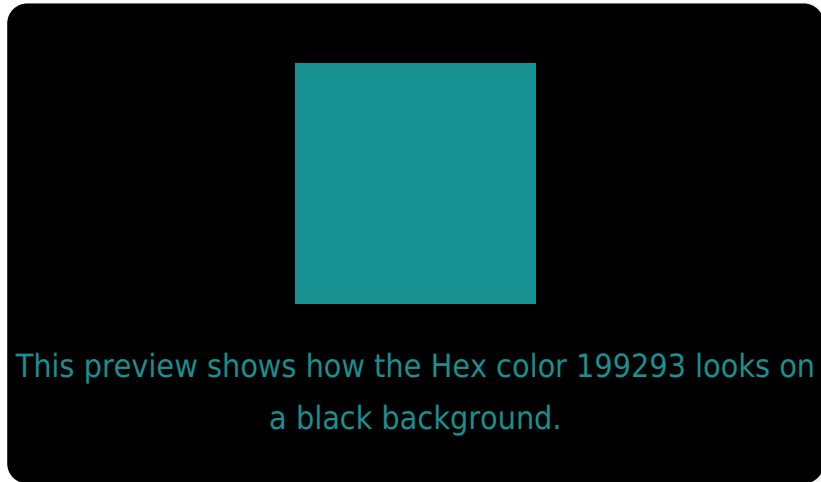
Large Text (above 18pt) WCAG AA ✓ Pass

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

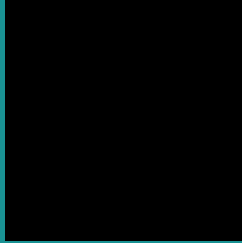
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 199293 Background



This preview shows how black text looks on a background with the Hex color 199293.

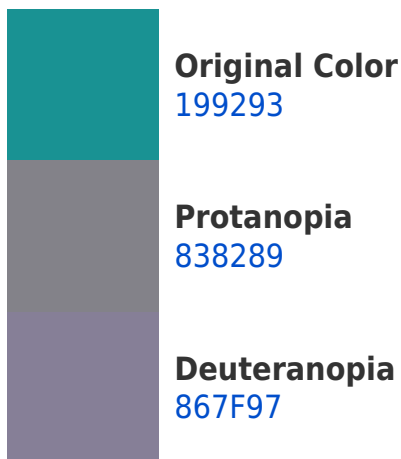


This preview shows how white text looks on a background with the Hex color 199293.

# 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**  
23919C

# Trichromacy



**Original Color**  
199293



**Protanomaly**  
5C888D



**Deuteranomaly**  
5E8696



**Tritanomaly**  
1F9199

# Monochromacy



**Original Color**  
199293



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
4F7B7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 199293 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 #199293 looks like.

```
.text, #text, p{  
    color:#199293  
}
```

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 #199293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #199293
}
```

## Border

The CSS property to change the border of an element to Hex 199293 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
#199293 }
```

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

```
.border{ border-color:#199293 }
```

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

Here you see how a box with a 4 pixel #199293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #199293; -webkit-box-shadow:4px 4px  
4px 4px #199293; box-shadow:4px 4px 4px  
4px #199293 }
```

# Background

The CSS property to change the background color of an element to Hex 199293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#199293 }
```

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

```
.background{ background-color:#199293 }
```

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