

# Converting Colors

Hex(139F9C)

Have a look what the booklet for  
Hex(139F9C) contains.

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# Color

Hex(139F9C)

# Conversions

## Conversions Part 1

Format	Color
Hex	139F9C
RGB	19, 159, 156
RGB Percent	7%, 62%, 61%
CMY	0.9255, 0.3765, 0.3882
CMYK	0.88, 0.00, 0.02, 0.38
HSL	179°, 79%, 35%
HSV	179°, 88%, 62%
XYZ	18.6674, 27.3350, 35.7448
YIQ	116.7980, -82.4770, -30.6130

# Conversions

## Conversions Part 2

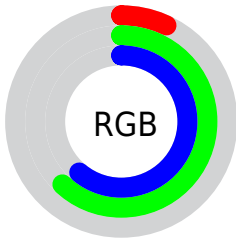
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 90, 159
Decimal	1286044
CIE <sub>Lab</sub>	59.28, -33.86, -8.17
CIE <sub>LCh</sub>	59, 34.830, 193.566
Yxy	27.3350, 0.2284, 0.3344
Android (android.graphics.Color)	4279476124 (0xFF139F9C)
YUV	116.7980, 19.3266, -85.7688
Hunter-Lab	52.2829, -27.7622, -3.9374

# Details

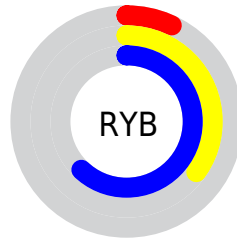
The Hex color **139F9C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F1316**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **61D6D2**, and **006B69** is the 20% darker color. If you saturate the color by 10%, you get **039F9C**, and if you desaturate by 10%, it is **239F9C**.

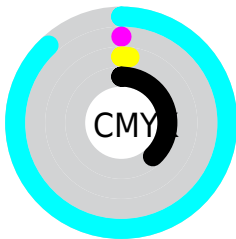
# Distribution



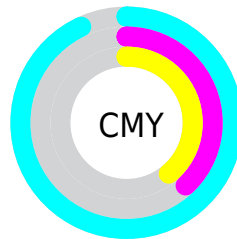
- Red (7%)
- Green (62%)
- Blue (61%)



- Red (7%)
- Yellow (35%)
- Blue (62%)



- Cyan (88%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



- Cyan (93%)
- Magenta (38%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 139F9C 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 139F9C by changing the saturation by 10% instead.



 139F9C

 139F9C

FFFFFF

 008482

 61D6D2

 006B69

 7FF3EF

 005251

 9DFFFF

 003A3A

 BBFFFF

 002524

 D8FFFF

 000110

 F7FFFF

 000000

 139F9C

 139F9C

 039F9C

 239F9C

■ 009F9C

■ 339F9D

■ 439F9D

■ 539F9D

■ 629F9E

■ 729F9E

■ 829F9E

■ 929F9F

■ A29F9F

# Harmonies

## Analogous

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



4B9E7C



139F9C



009DB8

# Triad

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



139F9C



A482BB



B18754

# Complementary

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



139F9C



9F1316

# 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.



C47D66



139F9C



C079A1

# Square

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



139F9C



788DCA



CA7782



959152

# Rectangle

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



139F9C



2A99C5



CA7782



B98359



# Sweetspot

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



139F9C



99CFCD



189F13



486968



E8E8E8



696969

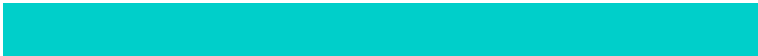


# Same Dimension

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



139F9C



00CFCA



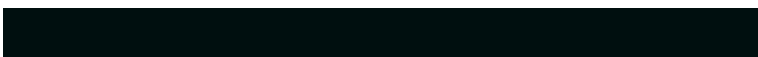
135E9F



474F4F



008F8C



000F0F



# Inverse Universe

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



9F1316



CF0004



9F5413



4F4747



8F0003



0F0000



# Previews

## White Background



This preview shows how the Hex color 139F9C looks on a white background.

## Color Contrast Check

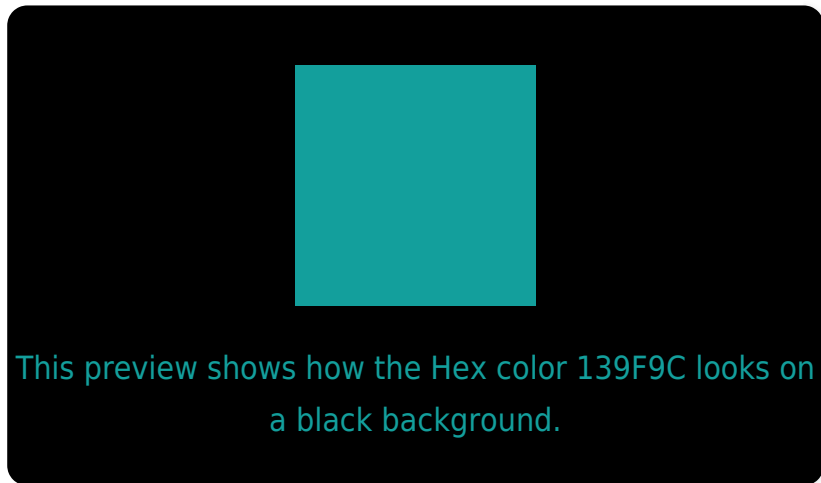
Large Text (above 18pt) WCAG AA ✓ Pass

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

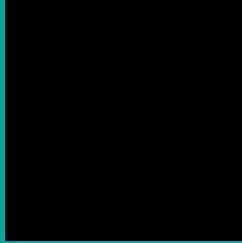
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 139F9C Background



This preview shows how black text looks on a background with the Hex color 139F9C.

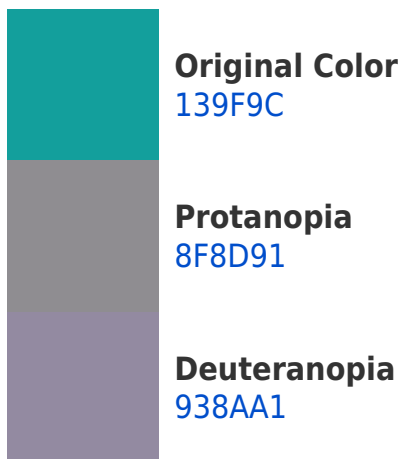


This preview shows how white text looks on a background with the Hex color 139F9C.

# 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





# Trichromacy



**Original Color**  
139F9C



**Protanomaly**  
629495



**Deuteranomaly**  
64929F



**Tritanomaly**  
1E9EA5

# Monochromacy



**Original Color**  
139F9C



**Achromatopsia**  
757575



**Achromatomaly**  
518483

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 139F9C 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 #139F9C looks like.

```
.text, #text, p{  
    color:#139F9C  
}
```

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 #139F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #139F9C
}
```

## Border

The CSS property to change the border of an element to Hex 139F9C 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
#139F9C }
```

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

```
.border{ border-color:#139F9C }
```

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

Here you see how a box with a 4 pixel #139F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #139F9C; -webkit-box-shadow:4px 4px  
4px 4px #139F9C; box-shadow:4px 4px 4px  
4px #139F9C }
```

# Background

The CSS property to change the background color of an element to Hex 139F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#139F9C }
```

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

```
.background{ background-color:#139F9C }
```

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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