

Converting Colors

Hex(168F9E)

Have a look what the booklet for
Hex(168F9E) contains.

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Color

Hex(168F9E)

Conversions

Conversions Part 1

Format	Color
Hex	168F9E
RGB	22, 143, 158
RGB Percent	9%, 56%, 62%
CMY	0.9137, 0.4392, 0.3804
CMYK	0.86, 0.09, 0.00, 0.38
HSL	187°, 76%, 35%
HSV	187°, 86%, 62%
XYZ	16.3249, 22.2841, 35.7886
YIQ	108.5310, -76.9310, -20.9870

Conversions

Conversions Part 2

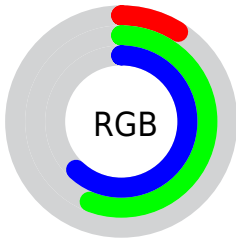
Format	Color
R_{YB}	22, 86, 158
Decimal	1478558
CIE _{Lab}	54.33, -25.20, -16.77
CIE _{LCh}	54, 30.272, 213.644
Yxy	22.2841, 0.2194, 0.2995
Android (android.graphics.Color)	4279668638 (0xFF168F9E)
YUV	108.5310, 24.3882, -75.8877
Hunter-Lab	47.2061, -20.8814, -11.9056

Details

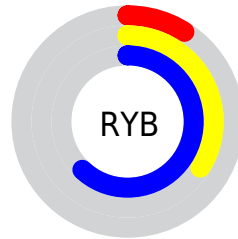
The Hex color **168F9E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E2516**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5FC5D5**, and **005C6B** is the 20% darker color. If you saturate the color by 10%, you get **068D9E**, and if you desaturate by 10%, it is **26919E**.

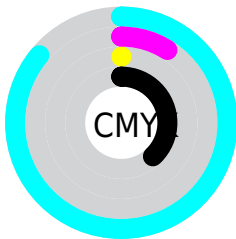
Distribution



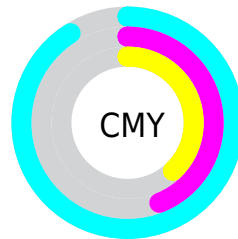
- Red (9%)
- Green (56%)
- Blue (62%)



- Red (9%)
- Yellow (34%)
- Blue (62%)



- Cyan (86%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168F9E 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 168F9E by changing the saturation by 10% instead.

168F9E

168F9E

FFFFFF

007584

5FC5D5

005C6B

7DE1F1

004452

9BFEFF

002D3B

B8FFFF

001926

D6FFFF

000110

F4FFFF

000000

168F9E

168F9E

068D9E

26919E

■ 008D9E

■ 36929E

■ 45949E

■ 55969E

■ 65989E

■ 75999E

■ 859B9E

■ 949D9E

■ A49F9E

Harmonies

Analogous

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



329084



168F9E



348BB0

Triad

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



168F9E



A6719A



90814D

Complementary

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



168F9E



9E2516

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.



A67854



168F9E



B46E80

Square

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



168F9E



897AAD



B37166



748956

Rectangle

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



168F9E



5386B5



B37166



987E4E

Sweetspot

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



168F9E



99C9CF



169E24



486569



E8E8E8



696969

Same Dimension

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



168F9E



00B8CF



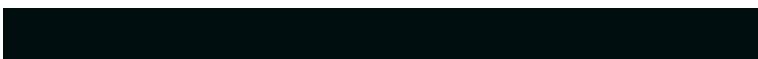
164C9E



474E4F



007F8F



000E0F

Inverse Universe

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



9E168F



CF00B8



9E6816



4F474E



8F007F



0F000E

Previews

White Background



This preview shows how the Hex color 168F9E looks on a white background.

Color Contrast Check

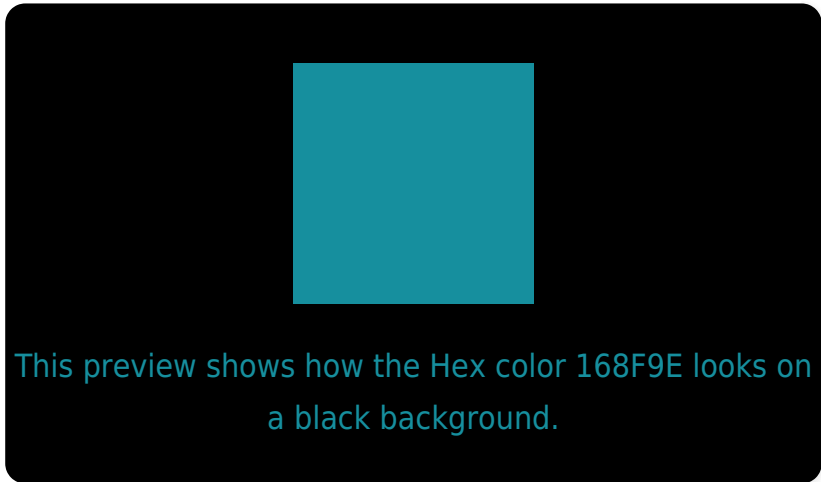
Large Text (above 18pt) WCAG AA ✓ Pass

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

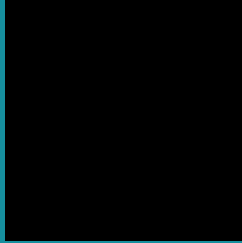
Any Text WCAG AA ✓ Pass

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 168F9E Background



This preview shows how black text looks on a background with the Hex color 168F9E.

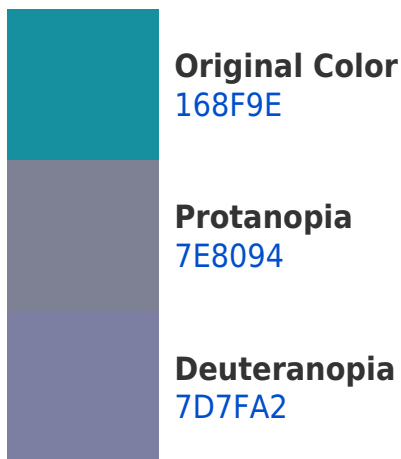


This preview shows how white text looks on a background with the Hex color 168F9E.

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
118F9B

Trichromacy



Original Color
168F9E



Protanomaly
588598



Deuteranomaly
5885A1



Tritanomaly
138F9C

Monochromacy



Original Color
168F9E



Achromatopsia
6D6D6D



Achromatomaly
4D797F

CSS Examples

Text

The CSS property to change the color of the text to Hex 168F9E 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 #168F9E looks like.

```
.text, #text, p{  
    color:#168F9E  
}
```

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 #168F9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168F9E
}
```

Border

The CSS property to change the border of an element to Hex 168F9E 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
#168F9E }
```

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

```
.border{ border-color:#168F9E }
```

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

Here you see how a box with a 4 pixel #168F9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168F9E; -webkit-box-shadow:4px 4px  
4px 4px #168F9E; box-shadow:4px 4px 4px  
4px #168F9E }
```

Background

The CSS property to change the background color of an element to Hex 168F9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168F9E }
```

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

```
.background{ background-color:#168F9E }
```

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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