

# Converting Colors

Hex(1F8B99)

Have a look what the booklet for  
Hex(1F8B99) contains.

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# Color

Hex(1F8B99)

# Conversions

## Conversions Part 1

Format	Color
Hex	1F8B99
RGB	31, 139, 153
RGB Percent	12%, 55%, 60%
CMY	0.8784, 0.4549, 0.4000
CMYK	0.80, 0.09, 0.00, 0.40
HSL	187°, 66%, 36%
HSV	187°, 80%, 60%
XYZ	15.5475, 21.0565, 33.3819
YIQ	108.3040, -68.8620, -18.5420

# Conversions

## Conversions Part 2

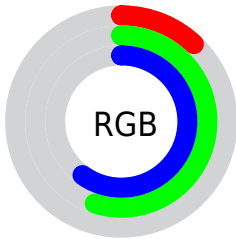
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 88, 153
Decimal	2067353
CIE <sub>Lab</sub>	53.01, -24.01, -15.87
CIE <sub>LCh</sub>	53, 28.785, 213.468
Yxy	21.0565, 0.2222, 0.3009
Android (android.graphics.Color)	4280257433 (0xFF1F8B99)
YUV	108.3040, 22.0351, -67.7956
Hunter-Lab	45.8873, -19.8237, -11.0109

# Details

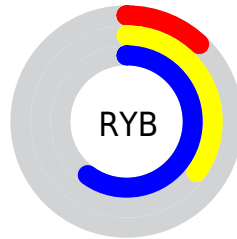
The Hex color **1F8B99** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **992D1F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **62C1CF**, and **005966** is the 20% darker color. If you saturate the color by 10%, you get **108999**, and if you desaturate by 10%, it is **2E8D99**.

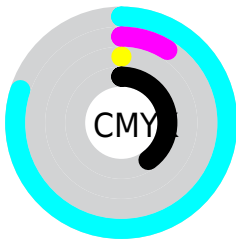
# Distribution



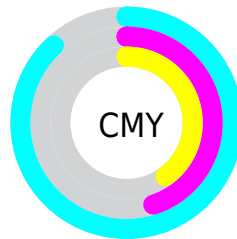
- Red (12%)
- Green (55%)
- Blue (60%)



- Red (12%)
- Yellow (35%)
- Blue (60%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (45%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F8B99 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 1F8B99 by changing the saturation by 10% instead.



 1F8B99

 1F8B99

FFFFFF

 00717F

 62C1CF

 005966

 7FDDEC

 00414E

 9CF9FF

 002A37

 B9FFFF

 001422

 D7FFFF

 000009

 F5FFFF

 000000

 1F8B99

 1F8B99

 108999

 2E8D99

008799

3E8F99

4D9099

5C9299

6B9499

7B9699

8A9799

999999

A99B99

# Harmonies

## Analogous

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



358C81



1F8B99



3787AA

# Triad

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



1F8B99



A06F95



8C7E4D

# Complementary

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



1F8B99



992D1F

# 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.



A17553



1F8B99



AE6B7D

# Square

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



1F8B99



8577A8



AD6E65



728554

# Rectangle

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



1F8B99



5383AF



AD6E65



947B4D



# Sweetspot

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



1F8B99



97C1C7



1F992B



476063



E3E3E3



636363



# Same Dimension

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



1F8B99



08B1C7



1F5099



454C4D



007C8C



000B0D



# Inverse Universe

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



991F8B



C708B1



99681F



4D454C



8C007C



0D000B



# Previews

## White Background



This preview shows how the Hex color 1F8B99 looks on a white background.

## Color Contrast Check

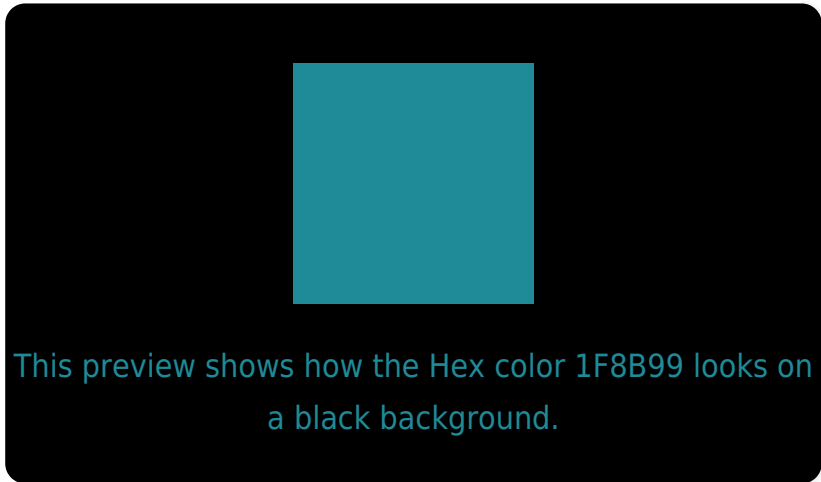
Large Text (above 18pt) WCAG AA ✓ Pass

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

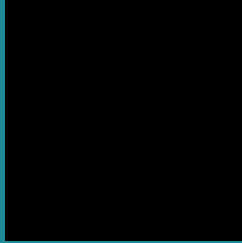
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1F8B99 Background



This preview shows how black text looks on a background with the Hex color 1F8B99.

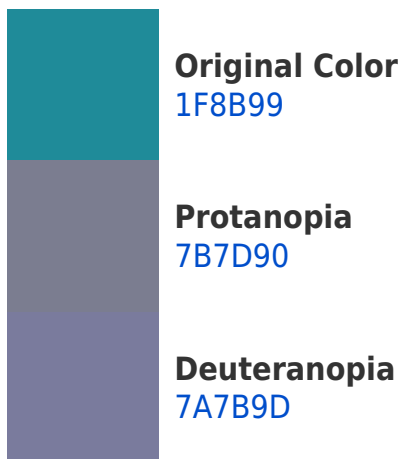


This preview shows how white text looks on a background with the Hex color 1F8B99.

# 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**  
1D8B97

# Trichromacy



**Original Color**  
1F8B99

**Protanomaly**  
5A8293

**Deuteranomaly**  
59819C

**Tritanomaly**  
1E8B98

# Monochromacy



**Original Color**  
1F8B99

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
50777C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F8B99 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 #1F8B99 looks like.

```
.text, #text, p{  
    color:#1F8B99  
}
```

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 #1F8B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F8B99
}
```

## Border

The CSS property to change the border of an element to Hex 1F8B99 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
#1F8B99 }
```

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

```
.border{ border-color:#1F8B99 }
```

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

Here you see how a box with a 4 pixel #1F8B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F8B99; -webkit-box-shadow:4px 4px  
4px 4px #1F8B99; box-shadow:4px 4px 4px  
4px #1F8B99 }
```

# Background

The CSS property to change the background color of an element to Hex 1F8B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F8B99 }
```

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

```
.background{ background-color:#1F8B99 }
```

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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