

# Converting Colors

Hex(1F8B89)

Have a look what the booklet for  
Hex(1F8B89) contains.

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# Color

Hex(1F8B89)

# Conversions

## Conversions Part 1

Format	Color
Hex	1F8B89
RGB	31, 139, 137
RGB Percent	12%, 55%, 54%
CMY	0.8784, 0.4549, 0.4627
CMYK	0.78, 0.00, 0.01, 0.45
HSL	179°, 64%, 33%
HSV	179°, 78%, 55%
XYZ	14.3130, 20.5627, 26.8815
YIQ	106.4800, -63.7260, -23.5180

# Conversions

## Conversions Part 2

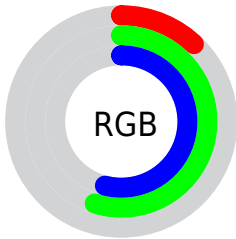
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 86, 139
Decimal	2067337
CIE <sub>Lab</sub>	52.47, -29.11, -7.42
CIE <sub>LCh</sub>	52, 30.037, 194.300
Yxy	20.5627, 0.2318, 0.3330
Android (android.graphics.Color)	4280257417 (0xFF1F8B89)
YUV	106.4800, 15.0464, -66.1960
Hunter-Lab	45.3461, -23.0139, -3.4053




# Details

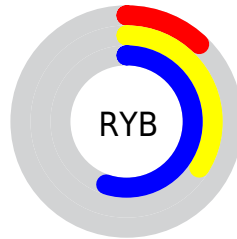
The Hex color **1F8B89** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B1F21**, and the grayscale version is **6A6A6A**.




A 20% lighter version of the original color is **60C1BE**, and **005857** is the 20% darker color. If you saturate the color by 10%, you get **118B89**, and if you desaturate by 10%, it is **2D8B89**.

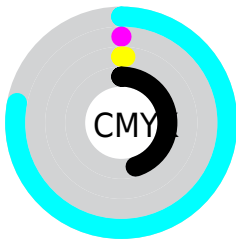
# Distribution







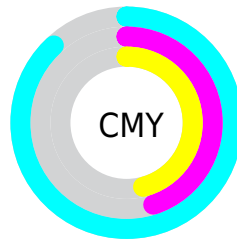
-  Red (12%)
-  Green (55%)
-  Blue (54%)






-  Red (12%)
-  Yellow (34%)
-  Blue (55%)



-  Cyan (78%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (45%)



-  Cyan (88%)
-  Magenta (45%)
-  Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F8B89 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 1F8B89 by changing the saturation by 10% instead.



1F8B89

1F8B89

FFFFFF

007170

60C1BE

005857

7DDDDA

004040

9AFAF7

002A2A

B6FFFF

001116

D4FFFF

000000

F1FFFF

1F8B89

1F8B89

118B89

2D8B89

 038B88

 3B8B8A

 008B88

 498B8A

 578B8A

 648B8A

 728B8B

 808B8B

 8E8B8B

 9C8B8B

# Harmonies

## Analogous

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



448A6E



1F8B89



1389A0

# Triad

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



1F8B89



9072A2



9A774C

# Complementary

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



1F8B89



8B1F21

# 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.



AA6E5A



1F8B89



A76B8C

# Square

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



1F8B89



6C7BAF



B06972



82804A

# Rectangle

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



1F8B89



3086AB



B06972



A0744F



# Sweetspot

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



1F8B89



8BB5B4



238B1F



425C5B



DBDBDB



5C5C5C



# Same Dimension

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



1F8B89



0DB5B2



1F598B



3E4545



008582



000505



# Inverse Universe

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



8B1F21



B50D10



8B511F



453E3E



850002

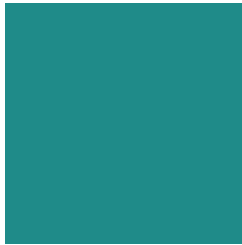


050000



# Previews

## White Background



This preview shows how the Hex color 1F8B89 looks on a white background.

## Color Contrast Check

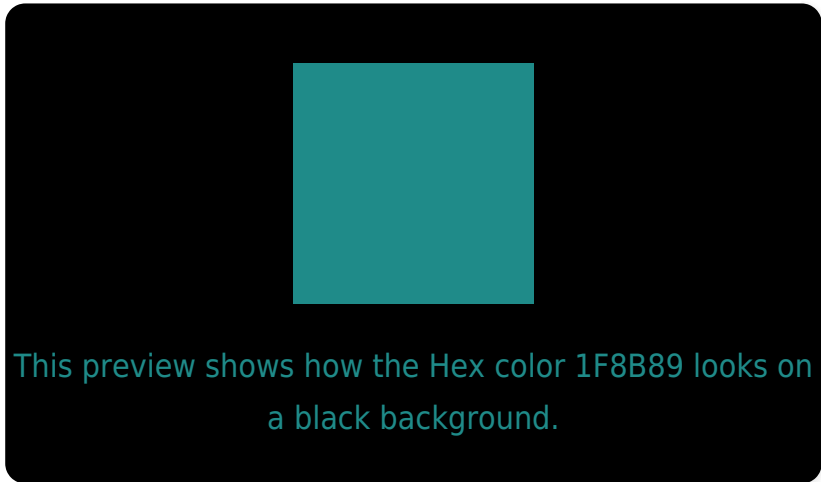
Large Text (above 18pt) WCAG AA ✓ Pass

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

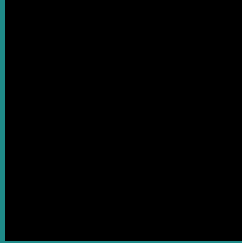
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1F8B89 Background



This preview shows how black text looks on a background with the Hex color 1F8B89.

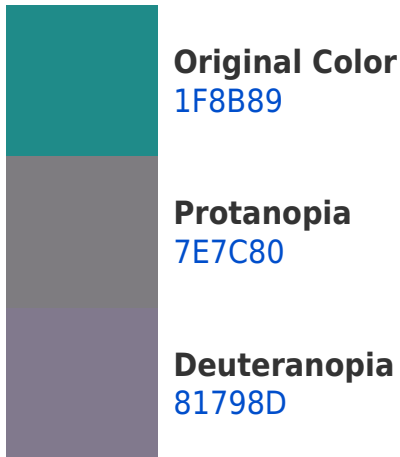


This preview shows how white text looks on a background with the Hex color 1F8B89.

# 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**  
288994

# Trichromacy



**Original Color**  
1F8B89



**Protanomaly**  
5B8183



**Deuteranomaly**  
5D808C



**Tritanomaly**  
258A90

# Monochromacy



**Original Color**  
1F8B89



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
4F7675

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F8B89 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 #1F8B89 looks like.

```
.text, #text, p{  
    color:#1F8B89  
}
```

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 #1F8B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F8B89
}
```

## Border

The CSS property to change the border of an element to Hex 1F8B89 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
#1F8B89 }
```

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

```
.border{ border-color:#1F8B89 }
```

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

Here you see how a box with a 4 pixel #1F8B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F8B89; -webkit-box-shadow:4px 4px  
4px 4px #1F8B89; box-shadow:4px 4px 4px  
4px #1F8B89 }
```

# Background

The CSS property to change the background color of an element to Hex 1F8B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F8B89 }
```

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

```
.background{ background-color:#1F8B89 }
```

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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