

Converting Colors

Hex(1F868B)

Have a look what the booklet for
Hex(1F868B) contains.

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Color

Hex(1F868B)

Conversions

Conversions Part 1

Format	Color
Hex	1F868B
RGB	31, 134, 139
RGB Percent	12%, 53%, 55%
CMY	0.8784, 0.4745, 0.4549
CMYK	0.78, 0.04, 0.00, 0.45
HSL	183°, 64%, 33%
HSV	183°, 78%, 55%
XYZ	13.7504, 19.2056, 27.4084
YIQ	103.7730, -62.9930, -20.2810

Conversions

Conversions Part 2

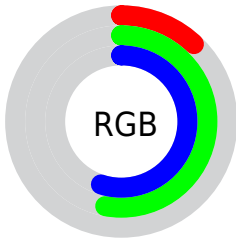
Format	Color
RYB	31, 84, 139
Decimal	2066059
CIELab	50.93, -26.00, -10.89
CIElCh	51, 28.187, 202.727
Yxy	19.2056, 0.2278, 0.3182
Android (android.graphics.Color)	4280256139 (0xFF1F868B)
YUV	103.7730, 17.3669, -63.8219
Hunter-Lab	43.8242, -20.6857, -6.4041




Details

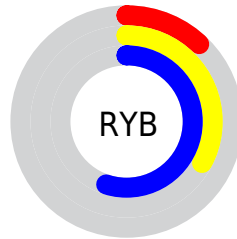
The Hex color **1F868B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B241F**, and the grayscale version is **686868**.




A 20% lighter version of the original color is **60BCC0**, and **005459** is the 20% darker color. If you saturate the color by 10%, you get **11858B**, and if you desaturate by 10%, it is **2D878B**.

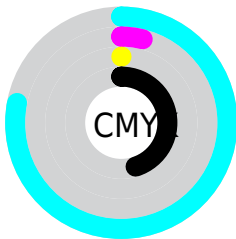
Distribution







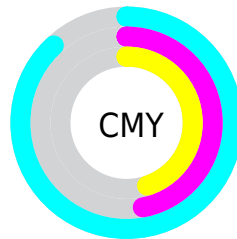
-  Red (12%)
-  Green (53%)
-  Blue (55%)






-  Red (12%)
-  Yellow (33%)
-  Blue (55%)



-  Cyan (78%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (88%)
-  Magenta (47%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F868B 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 1F868B by changing the saturation by 10% instead.

 1F868B

 1F868B

FFFFFF

 006C72

 60BCC0

 005459

 7CD8DC

 003C42

 99F4F9

 00262C

 B6FFFF

 000818


 D3FFFF

 000000

 F0FFFF

 1F868B

 1F868B

 11858B

 2D878B

03858B

3B878B

00858B

49888B

57898B

64898B

728A8B

808B8B

8E8B8B

9C8C8B

Harmonies

Analogous

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



3C8672



1F868B



26839F

Triad

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



1F868B



926D97



8F7649

Complementary

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



1F868B



8B241F

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.



A06E54



1F868B



A46780

Square

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



1F868B



7475A6



A86868



777D4C

Rectangle

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



1F868B



4080A7



A86868



95734C

Sweetspot

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



1F868B



8BB3B5



1F8B23



425B5C



DBDBDB



5C5C5C

Same Dimension

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



1F868B



0DADB5



1F518B



3E4545



007E85



000505

Inverse Universe

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



8B1F86



B50DAD



8B591F



453E45



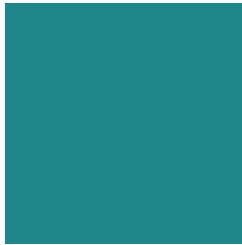
85007E



050005

Previews

White Background



This preview shows how the Hex color 1F868B looks on a white background.

Color Contrast Check

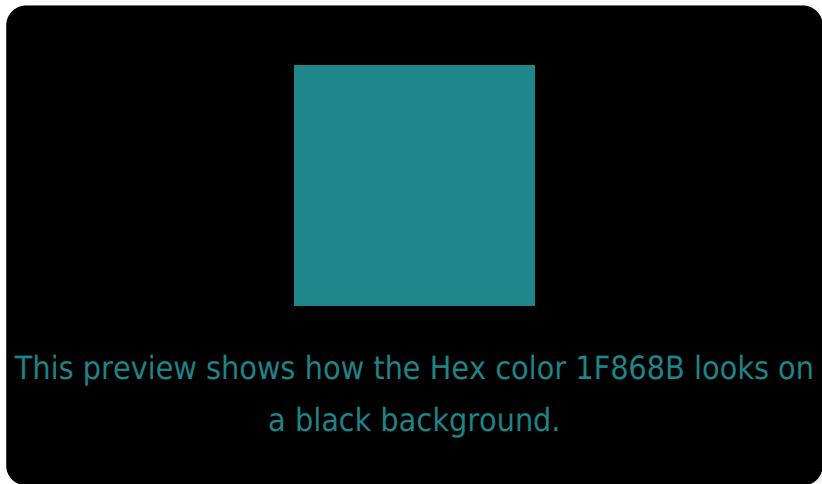
Large Text (above 18pt) WCAG AA ✓ Pass

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

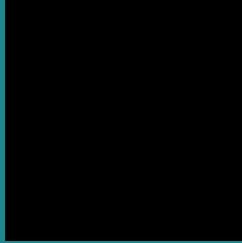
Any Text WCAG AA ✓ Pass

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 1F868B Background



This preview shows how black text looks on a background with the Hex color 1F868B.

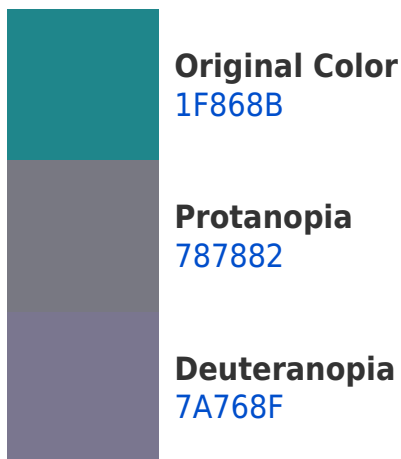


This preview shows how white text looks on a background with the Hex color 1F868B.

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



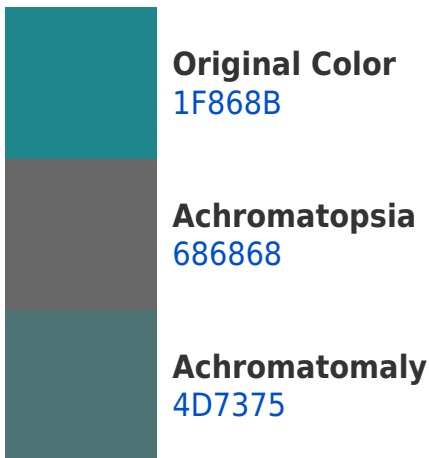


Tritanopia
238590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F868B 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 #1F868B looks like.

```
.text, #text, p{  
    color:#1F868B  
}
```

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 #1F868B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F868B
}
```

Border

The CSS property to change the border of an element to Hex 1F868B 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
#1F868B }
```

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

```
.border{ border-color:#1F868B }
```

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

Here you see how a box with a 4 pixel #1F868B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F868B; -webkit-box-shadow:4px 4px  
4px 4px #1F868B; box-shadow:4px 4px 4px  
4px #1F868B }
```

Background

The CSS property to change the background color of an element to Hex 1F868B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F868B }
```

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

```
.background{ background-color:#1F868B }
```

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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