

Converting Colors

Hex(1F968E)

Have a look what the booklet for
Hex(1F968E) contains.

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Color

Hex(1F968E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1F968E |
| RGB | 31, 150, 142 |
| RGB Percent | 12%, 59%, 56% |
| CMY | 0.8784, 0.4118, 0.4431 |
| CMYK | 0.79, 0.00, 0.05, 0.41 |
| HSL | 176°, 66%, 35% |
| HSV | 176°, 79%, 59% |
| XYZ | 16.3539, 24.0570, 29.3727 |
| YIQ | 113.5070, -68.3560, -27.7160 |

Conversions

Conversions Part 2

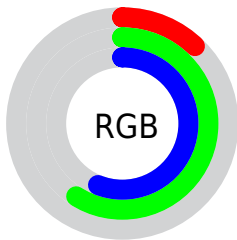
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 31, 93, 150 |
| Decimal | 2070158 |
| CIELab | 56.14, -32.87, -4.84 |
| CIELCh | 56, 33.226, 188.377 |
| Yxy | 24.0570, 0.2344, 0.3447 |
| Android (android.graphics.Color) | 4280260238 (0xFF1F968E) |
| YUV | 113.5070, 14.0470, -72.3586 |
| Hunter-Lab | 49.0479, -26.3171, -1.1727 |

Details

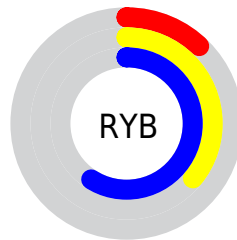
The Hex color **1F968E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **961F27**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **62CDC4**, and **00625C** is the 20% darker color. If you saturate the color by 10%, you get **10968D**, and if you desaturate by 10%, it is **2E968F**.

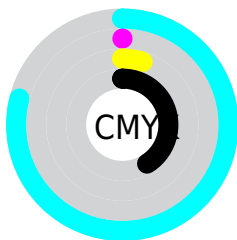
Distribution



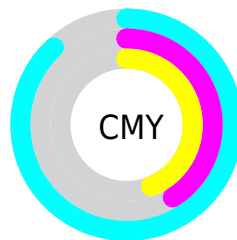
- Red (12%)
- Green (59%)
- Blue (56%)



- Red (12%)
- Yellow (36%)
- Blue (59%)



- Cyan (79%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F968E 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 1F968E by changing the saturation by 10% instead.

 1F968E

 1F968E

FFFFFF

 007C74

 62CDC4

 00625C

 80E9E0

 004A44

 9DFFFC

 00322E

 BAF0FF

 001E1A

 D7FFFF

 000000

 F5FFFF

 1F968E

 1F968E

 10968D

 2E968F

01968C

3D9690

00968C

4C9691

5B9692

6A9693

799694

889695

979696

A69697

Harmonies

Analogous

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



4E9470



1F968E



0094AA

Triad

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



1F968E



947CB4



AB7E51

Complementary

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



1F968E



961F27

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.



BB7464



1F968E



B1739C

Square

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



1F968E



6987BF



BE707F



91874D

Rectangle

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



1F968E



1D91B7



BE707F



B27A56

Sweetspot

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



1F968E



93C2BF



29961F



45615F



E0E0E0



616161

Same Dimension

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



1F968E



0AC2B5



1F6496



434A49



008A80



000A0A

Inverse Universe

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



961F27



C20A16



96511F



4A4343



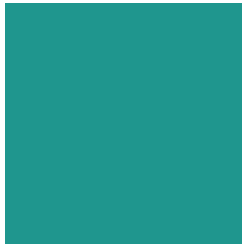
8A0009



0A0001

Previews

White Background



This preview shows how the Hex color 1F968E looks on a white background.

Color Contrast Check

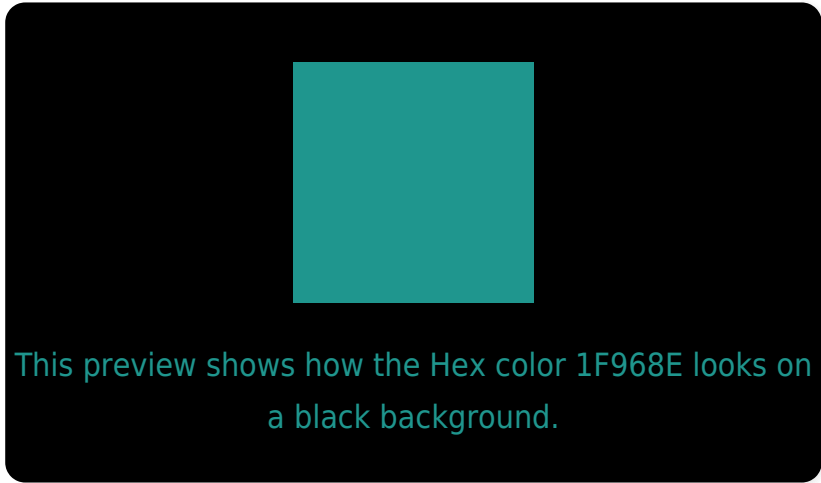
Large Text (above 18pt) WCAG AA ✓ Pass

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

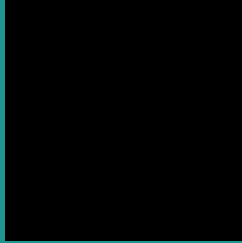
Any Text WCAG AA ✓ Pass

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 1F968E Background



This preview shows how black text looks on a background with the Hex color 1F968E.

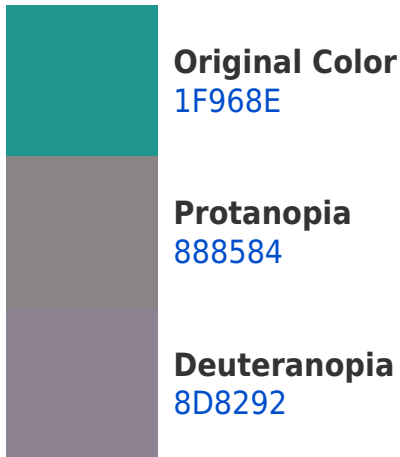


This preview shows how white text looks on a background with the Hex color 1F968E.

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
2C939F

Trichromacy



Original Color
1F968E



Protanomaly
628B88



Deuteranomaly
658991



Tritanomaly
279499

Monochromacy



Original Color
1F968E



Achromatopsia
727272



Achromatomaly
547F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F968E 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 #1F968E looks like.

```
.text, #text, p{  
    color:#1F968E  
}
```

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 #1F968E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F968E
}
```

Border

The CSS property to change the border of an element to Hex 1F968E 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
#1F968E }
```

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

```
.border{ border-color:#1F968E }
```

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

Here you see how a box with a 4 pixel #1F968E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F968E; -webkit-box-shadow:4px 4px  
4px 4px #1F968E; box-shadow:4px 4px 4px  
4px #1F968E }
```

Background

The CSS property to change the background color of an element to Hex 1F968E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F968E }
```

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

```
.background{ background-color:#1F968E }
```

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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