

Converting Colors

Hex(1F958B)

Have a look what the booklet for
Hex(1F958B) contains.

Hex(1F958B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1F958B)

Conversions

Conversions Part 1

Format	Color
Hex	1F958B
RGB	31, 149, 139
RGB Percent	12%, 58%, 55%
CMY	0.8784, 0.4157, 0.4549
CMYK	0.79, 0.00, 0.07, 0.42
HSL	175°, 66%, 35%
HSV	175°, 79%, 58%
XYZ	15.9727, 23.6503, 28.1492
YIQ	112.5780, -67.1180, -28.1260

Conversions

Conversions Part 2

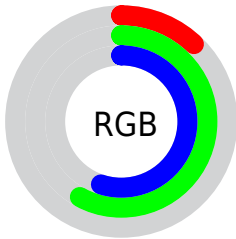
Format	Color
RYB	31, 93, 149
Decimal	2069899
CIELab	55.74, -33.29, -3.73
CIElCh	56, 33.494, 186.387
Yxy	23.6503, 0.2357, 0.3490
Android (android.graphics.Color)	4280259979 (0xFF1F958B)
YUV	112.5780, 13.0260, -71.5439
Hunter-Lab	48.6316, -26.4780, -0.2765

Details

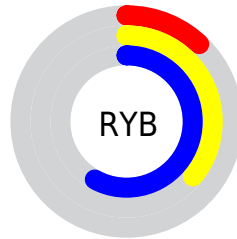
The Hex color **1F958B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **951F29**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **62CCC0**, and **006159** is the 20% darker color. If you saturate the color by 10%, you get **10958A**, and if you desaturate by 10%, it is **2E958C**.

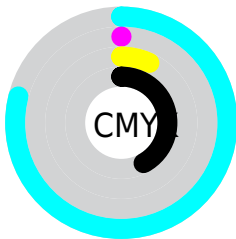
Distribution



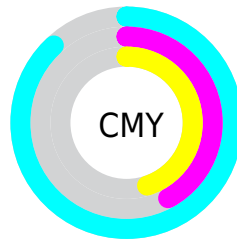
- Red (12%)
- Green (58%)
- Blue (55%)



- Red (12%)
- Yellow (36%)
- Blue (58%)



- Cyan (79%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)



- Cyan (88%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F958B 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 1F958B by changing the saturation by 10% instead.

 1F958B

 1F958B

FFFFFF

 007B72

 62CCC0

 006159

 7FE8DC

 004942

 9CFFF9

 00322C

 B9FFF

 001D17

 D7FFF

 000000

 F5FFF

 1F958B

 1F958B

 10958A

 2E958C

■ 019588

■ 3D958E

■ 009588

■ 4C958F

■ 5B9590

■ 6A9591

■ 789593

■ 879594

■ 969595

■ A59596

Harmonies

Analogous

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



4F936D



1F958B



0094A7

Triad

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



1F958B



917CB4



AB7C51

Complementary

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



1F958B



951F29

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.



BB7365



1F958B



AF729D

Square

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



1F958B



6586BF



BD6E80



92864B

Rectangle

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



1F958B



1091B5



BD6E80



B27856

Sweetspot

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



1F958B



93C2BE



2B951F



45615F



E0E0E0



616161

Same Dimension

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



1F958B



0AC2B2



1F6695



434A49



008A7E



000A09

Inverse Universe

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



951F29



C20A19



954E1F



4A4343



8A000C



0A0001

Previews

White Background



This preview shows how the Hex color 1F958B looks on a white background.

Color Contrast Check

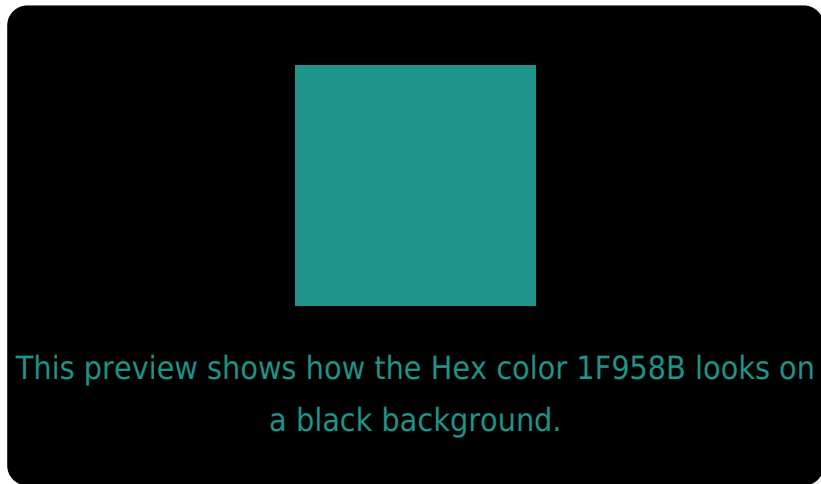
Large Text (above 18pt) WCAG AA ✓ Pass

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

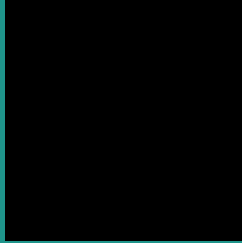
Any Text WCAG AA ✓ Pass

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 1F958B Background



This preview shows how black text looks on a background with the Hex color 1F958B.

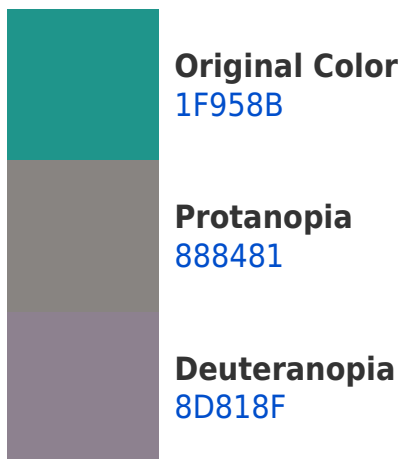


This preview shows how white text looks on a background with the Hex color 1F958B.

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
2D929E

Trichromacy



Original Color
1F958B



Protanomaly
628A85



Deuteranomaly
65888E



Tritanomaly
289397

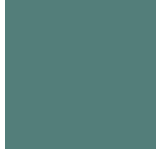
Monochromacy



Original Color
1F958B



Achromatopsia
717171



Achromatomaly
537E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F958B 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 #1F958B looks like.

```
.text, #text, p{  
    color:#1F958B  
}
```

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 #1F958B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F958B
}
```

Border

The CSS property to change the border of an element to Hex 1F958B 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
#1F958B }
```

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

```
.border{ border-color:#1F958B }
```

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

Here you see how a box with a 4 pixel #1F958B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F958B; -webkit-box-shadow:4px 4px  
4px 4px #1F958B; box-shadow:4px 4px 4px  
4px #1F958B }
```

Background

The CSS property to change the background color of an element to Hex 1F958B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F958B }
```

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

```
.background{ background-color:#1F958B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor