

Converting Colors

Hex(21938B)

Have a look what the booklet for
Hex(21938B) contains.

Hex(21938B)	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(21938B)

Conversions

Conversions Part 1

Format	Color
Hex	21938B
RGB	33, 147, 139
RGB Percent	13%, 58%, 55%
CMY	0.8706, 0.4235, 0.4549
CMYK	0.78, 0.00, 0.05, 0.42
HSL	176°, 63%, 35%
HSV	176°, 78%, 58%
XYZ	15.7211, 23.0549, 28.0475
YIQ	112.0020, -65.3760, -26.6560

Conversions

Conversions Part 2

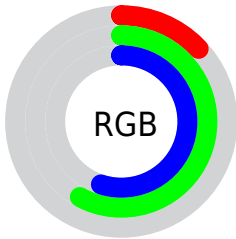
Format	Color
RYB	33, 92, 147
Decimal	2200459
CIELab	55.13, -32.13, -4.62
CIELCh	55, 32.456, 188.182
Yxy	23.0549, 0.2353, 0.3450
Android (android.graphics.Color)	4280390539 (0xFF21938B)
YUV	112.0020, 13.3100, -69.2848
Hunter-Lab	48.0155, -25.5830, -1.0226

Details

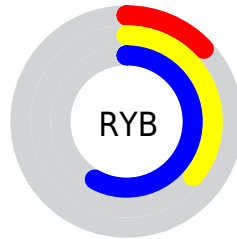
The Hex color **21938B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **932129**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **63CAC0**, and **006059** is the 20% darker color. If you saturate the color by 10%, you get **12938A**, and if you desaturate by 10%, it is **30938C**.

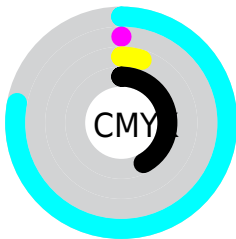
Distribution



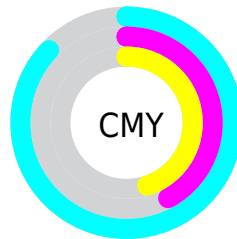
- Red (13%)
- Green (58%)
- Blue (55%)



- Red (13%)
- Yellow (36%)
- Blue (58%)



- Cyan (78%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)




- Cyan (87%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21938B 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 21938B by changing the saturation by 10% instead.

 21938B

 21938B

FFFFFF

 007972

 63CAC0

 006059

 80E6DC

 004742

 9CFFF9

 00302C

 BAF0FF

 001B17

 D7FFFF

 000000

 F5FFFF

 21938B

 21938B

 12938A

 30938C

■ 049389

■ 3E938D

■ 009389

■ 4D938E

■ 5C938F

■ 6A9390

■ 799391

■ 889392

■ 979393

■ A59394

Harmonies

Analogous

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



4D916E



21938B



0091A6

Triad

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



21938B



917AB0



A87B50

Complementary

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



21938B



932129

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.



B77263



21938B



AD7199

Square

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



21938B



6784BB



BA6E7D



8F854B

Rectangle

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



21938B



1E8FB3



BA6E7D



AE7855

Sweetspot

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



21938B



93BFBC



2B9321



46615F



E0E0E0



616161

Same Dimension

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



21938B



0DBFB3



216493



434A49



008A80



000A09

Inverse Universe

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



932129



BF0D1A



935121



4A4343



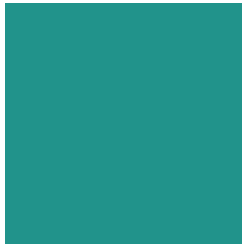
8A000A



0A0001

Previews

White Background



This preview shows how the Hex color 21938B looks on a white background.

Color Contrast Check

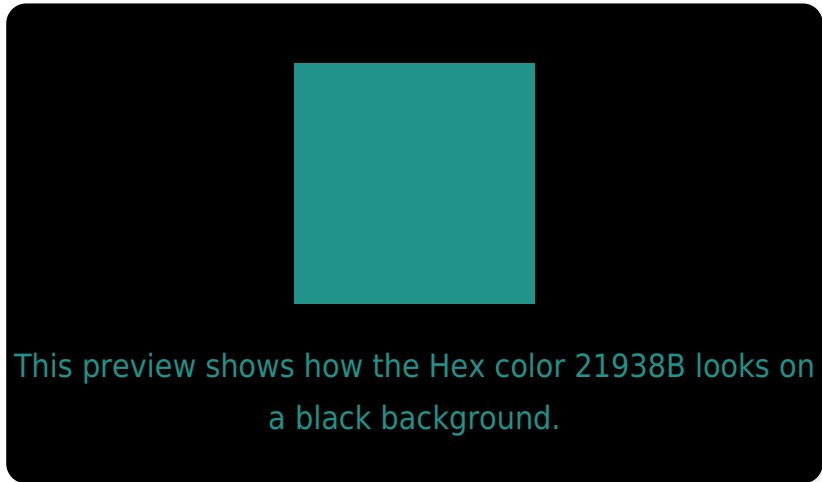
Large Text (above 18pt) WCAG AA ✓ Pass

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

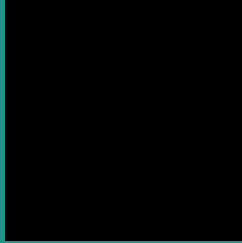
Any Text WCAG AA ✓ Pass

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 21938B Background



This preview shows how black text looks on a background with the Hex color 21938B.

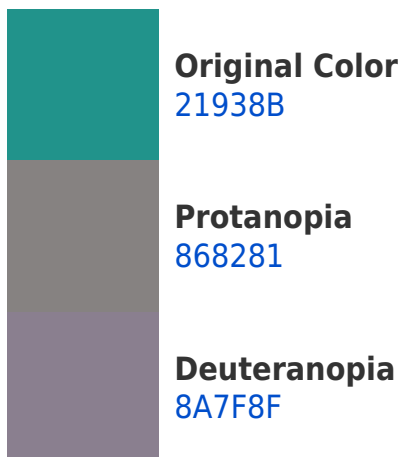


This preview shows how white text looks on a background with the Hex color 21938B.

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



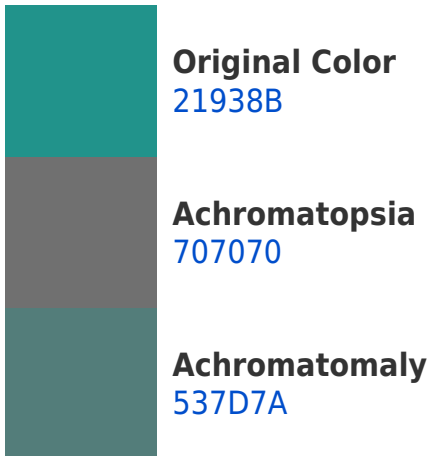


Tritanopia
2D909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21938B 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 #21938B looks like.

```
.text, #text, p{  
  color:#21938B  
}
```

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 #21938B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21938B
}
```

Border

The CSS property to change the border of an element to Hex 21938B 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
#21938B }
```

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

```
.border{ border-color:#21938B }
```

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

Here you see how a box with a 4 pixel #21938B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21938B; -webkit-box-shadow:4px 4px  
4px 4px #21938B; box-shadow:4px 4px 4px  
4px #21938B }
```

Background

The CSS property to change the background color of an element to Hex 21938B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21938B }
```

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

```
.background{ background-color:#21938B }
```

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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