

Converting Colors

Hex(21928C)

Have a look what the booklet for
Hex(21928C) contains.

Hex(21928C)	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(21928C)

Conversions

Conversions Part 1

Format	Color
Hex	21928C
RGB	33, 146, 140
RGB Percent	13%, 57%, 55%
CMY	0.8706, 0.4275, 0.4510
CMYK	0.77, 0.00, 0.04, 0.43
HSL	177°, 63%, 35%
HSV	177°, 77%, 57%
XYZ	15.6397, 22.7746, 28.3826
YIQ	111.5290, -65.4220, -25.8220

Conversions

Conversions Part 2

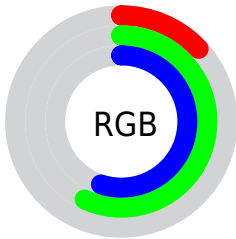
Format	Color
RYB	33, 91, 146
Decimal	2200204
CIELab	54.84, -31.35, -5.62
CIELCh	55, 31.853, 190.167
Yxy	22.7746, 0.2341, 0.3410
Android (android.graphics.Color)	4280390284 (0xFF21928C)
YUV	111.5290, 14.0362, -68.8699
Hunter-Lab	47.7227, -25.0166, -1.8562

Details

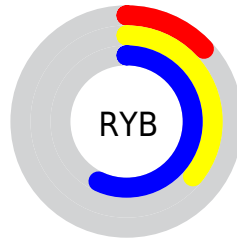
The Hex color **21928C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **922127**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **63C8C1**, and **005F5A** is the 20% darker color. If you saturate the color by 10%, you get **12928B**, and if you desaturate by 10%, it is **30928D**.

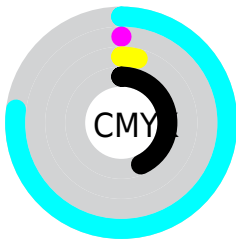
Distribution



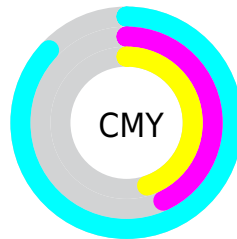
- Red (13%)
- Green (57%)
- Blue (55%)



- Red (13%)
- Yellow (36%)
- Blue (57%)



- Cyan (77%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (87%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21928C 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 21928C by changing the saturation by 10% instead.

 21928C

 21928C

FFFFFF

 007873

 63C8C1

 005F5A

 80E5DD

 004643

 9CFFFA

 002F2D

 B9FFFF

 001A18

 D7FFFF

 000000

 F5FFFF

 21928C

 21928C

 12928B

 30928D

04928A

3E928E

00928A

4D928E

5B928F

6A9290

799291

879291

969292

A49293

Harmonies

Analogous

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



4B9170



21928C



0090A6

Triad

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



21928C



9279AD



A57B50

Complementary

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



21928C



922127

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.



B57261



21928C



AD7097

Square

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



21928C



6A83B9



B96E7B



8C854C

Rectangle

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



21928C



268DB2



B96E7B



AB7854

Sweetspot

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



21928C



91BDBA



299221



445E5D



DEDEDE



5E5E5E

Same Dimension

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



21928C



0DBDB3



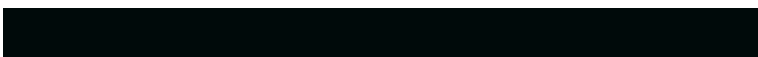
216192



434A4A



008A82



000A0A

Inverse Universe

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



922127



BD0D17



925221



4A4343



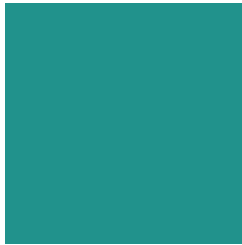
8A0007



0A0001

Previews

White Background



This preview shows how the Hex color 21928C looks on a white background.

Color Contrast Check

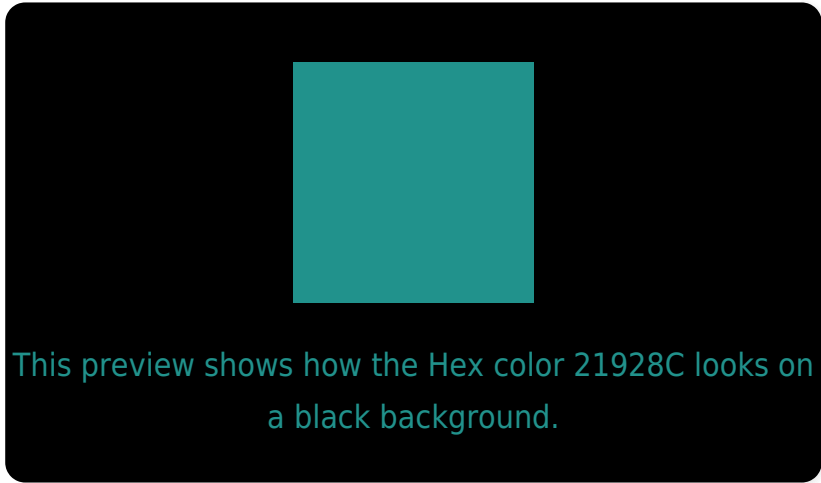
Large Text (above 18pt) WCAG AA ✓ Pass

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

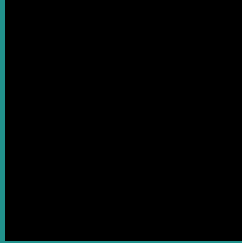
Any Text WCAG AA ✓ Pass

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 21928C Background



This preview shows how black text looks on a background with the Hex color 21928C.

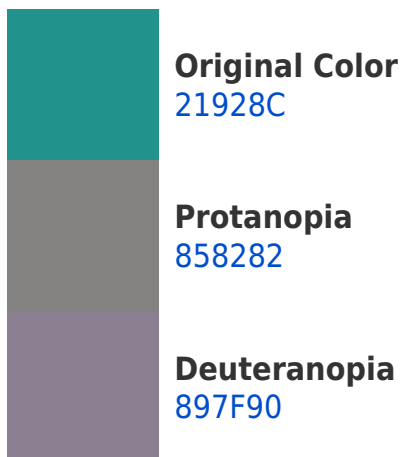


This preview shows how white text looks on a background with the Hex color 21928C.

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



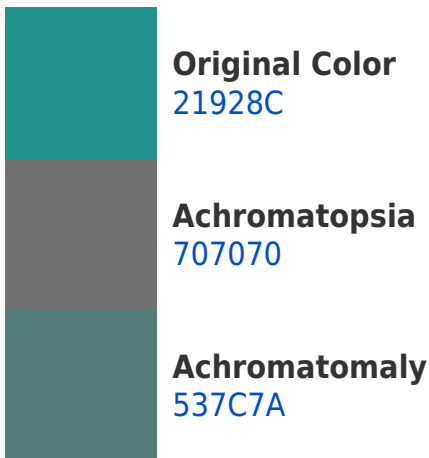


Tritanopia
2C909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21928C 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 #21928C looks like.

```
.text, #text, p{  
    color:#21928C  
}
```

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 #21928C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21928C
}
```

Border

The CSS property to change the border of an element to Hex 21928C 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
#21928C }
```

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

```
.border{ border-color:#21928C }
```

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

Here you see how a box with a 4 pixel #21928C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21928C; -webkit-box-shadow:4px 4px  
4px 4px #21928C; box-shadow:4px 4px 4px  
4px #21928C }
```

Background

The CSS property to change the background color of an element to Hex 21928C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21928C }
```

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

```
.background{ background-color:#21928C }
```

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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