

Converting Colors

Hex(22898E)

Have a look what the booklet for
Hex(22898E) contains.

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Color

Hex(22898E)

Conversions

Conversions Part 1

Format	Color
Hex	22898E
RGB	34, 137, 142
RGB Percent	13%, 54%, 56%
CMY	0.8667, 0.4627, 0.4431
CMYK	0.76, 0.04, 0.00, 0.44
HSL	183°, 61%, 35%
HSV	183°, 76%, 56%
XYZ	14.4878, 20.1844, 28.7236
YIQ	106.7730, -62.9930, -20.2810

Conversions

Conversions Part 2

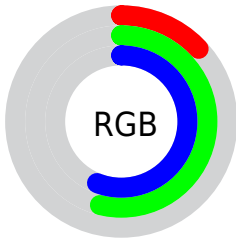
Format	Color
R_{YB}	34, 87, 142
Decimal	2263438
CIE _{Lab}	52.05, -26.21, -10.95
CIE _{LCh}	52, 28.403, 202.677
Y _{xy}	20.1844, 0.2285, 0.3184
Android (android.graphics.Color)	4280453518 (0xFF22898E)
Y _{UV}	106.7730, 17.3669, -63.8219
Hunter-Lab	44.9270, -21.0606, -6.4574




Details

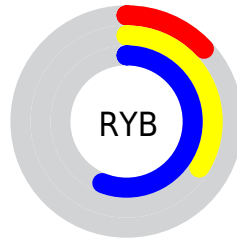
The Hex color **22898E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E2722**, and the grayscale version is **6B6B6B**.




A 20% lighter version of the original color is **62BFC4**, and **00575C** is the 20% darker color. If you saturate the color by 10%, you get **14888E**, and if you desaturate by 10%, it is **308A8E**.

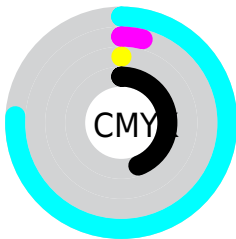
Distribution







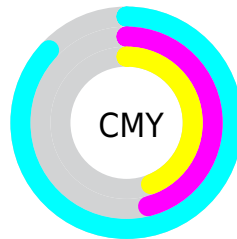
-  Red (13%)
-  Green (54%)
-  Blue (56%)






-  Red (13%)
-  Yellow (34%)
-  Blue (56%)



-  Cyan (76%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (87%)
-  Magenta (46%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22898E 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 22898E by changing the saturation by 10% instead.

 22898E

 22898E

FFFFFF

 006F74

 62BFC4

 00575C

 7FDBE0

 003F44

 9BF7FC

 00282E

 B8FFFF

 000F1A

 D5FFFF

 000000

 F3FFFF

 22898E

 22898E

 14888E

 308A8E

06888E

3E8A8E

00878E

4D8B8E

5B8C8E

698C8E

778D8E

858E8E

948E8E

A28F8E

Harmonies

Analogous

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



3F8975



22898E



2986A2

Triad

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



22898E



956F9A



92794C

Complementary

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



22898E



8E2722

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.



A47056



22898E



A76A83

Square

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



22898E



7778A9



AC6A6B



7A804E

Rectangle

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



22898E



4283AA



AC6A6B



99764E

Sweetspot

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



22898E



8DB6B8



228E26



425B5C



DBDBDB



5C5C5C

Same Dimension

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



22898E



11B0B8



22548E



404747



008187



000708

Inverse Universe

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



8E2289



B811B0



8E5C22



474047



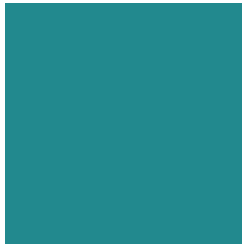
870081



080007

Previews

White Background



This preview shows how the Hex color 22898E looks on a white background.

Color Contrast Check

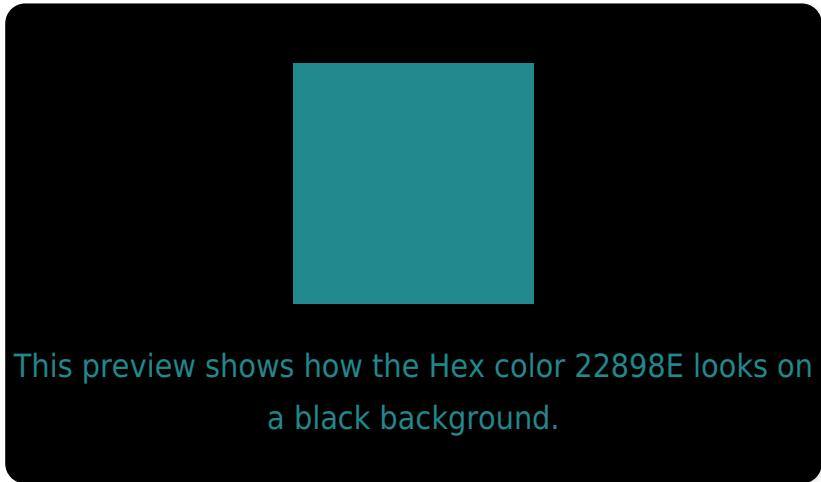
Large Text (above 18pt) WCAG AA ✓ Pass

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

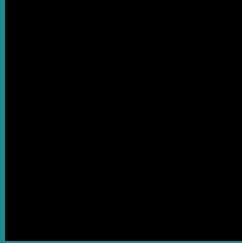
Any Text WCAG AA ✓ Pass

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 22898E Background



This preview shows how black text looks on a background with the Hex color 22898E.

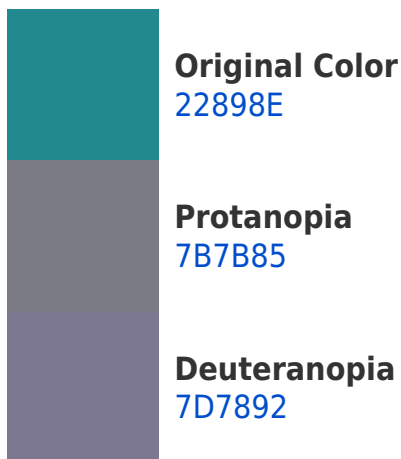


This preview shows how white text looks on a background with the Hex color 22898E.

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
268893

Trichromacy



Original Color
22898E



Protanomaly
5B8088



Deuteranomaly
5C7E91



Tritanomaly
258891

Monochromacy



Original Color
22898E



Achromatopsia
6B6B6B



Achromatomaly
507678

CSS Examples

Text

The CSS property to change the color of the text to Hex 22898E 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 #22898E looks like.

```
.text, #text, p{  
    color:#22898E  
}
```

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 #22898E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22898E
}
```

Border

The CSS property to change the border of an element to Hex 22898E 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
#22898E }
```

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

```
.border{ border-color:#22898E }
```

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

Here you see how a box with a 4 pixel #22898E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22898E; -webkit-box-shadow:4px 4px  
4px 4px #22898E; box-shadow:4px 4px 4px  
4px #22898E }
```

Background

The CSS property to change the background color of an element to Hex 22898E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22898E }
```

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

```
.background{ background-color:#22898E }
```

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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