

Converting Colors

Hex(24808A)

Have a look what the booklet for
Hex(24808A) contains.

Hex(24808A)	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(24808A)

Conversions

Conversions Part 1

Format	Color
Hex	24808A
RGB	36, 128, 138
RGB Percent	14%, 50%, 54%
CMY	0.8588, 0.4980, 0.4588
CMYK	0.74, 0.07, 0.00, 0.46
HSL	186°, 59%, 34%
HSV	186°, 74%, 54%
XYZ	13.0342, 17.6484, 26.7643
YIQ	101.6320, -58.0420, -16.3940

Conversions

Conversions Part 2

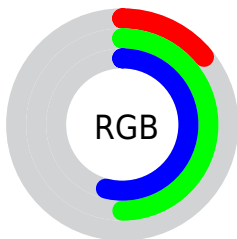
Format	Color
RYB	36, 84, 138
Decimal	2392202
CIELab	49.07, -22.62, -13.10
CIELCh	49, 26.139, 210.076
Yxy	17.6484, 0.2269, 0.3072
Android (android.graphics.Color)	4280582282 (0xFF24808A)
YUV	101.6320, 17.9294, -57.5593
Hunter-Lab	42.0100, -18.1354, -8.3662

Details

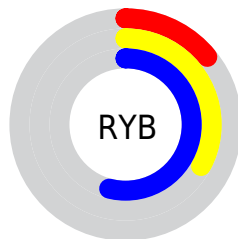
The Hex color **24808A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A2E24**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **61B5BF**, and **004E58** is the 20% darker color. If you saturate the color by 10%, you get **167F8A**, and if you desaturate by 10%, it is **32818A**.

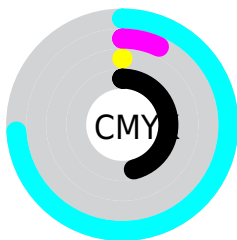
Distribution



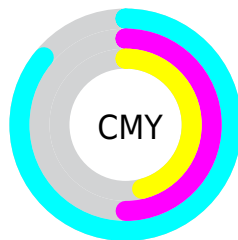
- Red (14%)
- Green (50%)
- Blue (54%)



- Red (14%)
- Yellow (33%)
- Blue (54%)



- Cyan (74%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (86%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24808A 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 24808A by changing the saturation by 10% instead.

■ 24808A

■ 24808A

FFFFFF

■ 006771

■ 61B5BF

■ 004E58

■ 7ED1DB

■ 003741

■ 9AEDF8

■ 00222B

■ B7FFFF

■ 000117

■ D4FFFF

■ 000000

■ F1FFFF

■ 24808A

■ 24808A

■ 167F8A

■ 32818A

087D8A

40838A

007C8A

4D848A

5B858A

69878A

77888A

85898A

928B8A

A08C8A

Harmonies

Analogous

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



378174



24808A



337D9A

Triad

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



24808A



91678B



847348

Complementary

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



24808A



8A2E24

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.



966C4F



24808A



9E6475

Square

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



24808A



776F9B



9F6560



6C7A4E

Rectangle

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



24808A



4A79A0



9F6560



8A7149

Sweetspot

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



24808A



8BAFB3



248A2C



425759



D9D9D9



595959

Same Dimension

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



24808A



14A3B3



244F8A



3E4445



007885



000505

Inverse Universe

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



8A2480



B314A3



8A5F24



453E44



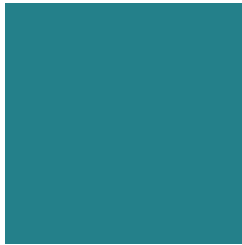
850078



050005

Previews

White Background



This preview shows how the Hex color 24808A looks on a white background.

Color Contrast Check

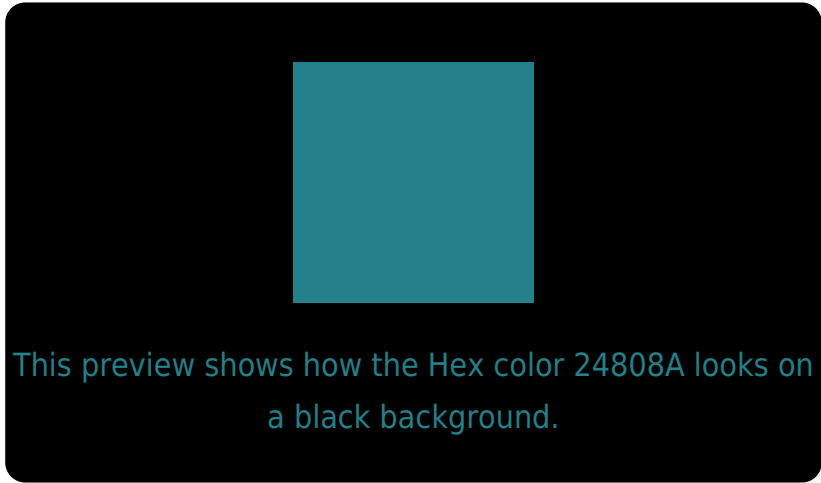
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

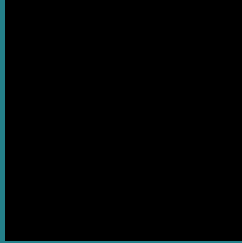
Any Text WCAG AA ✓ Pass

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 24808A Background



This preview shows how black text looks on a background with the Hex color 24808A.

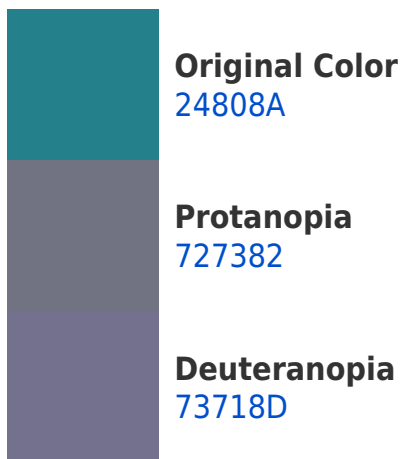


This preview shows how white text looks on a background with the Hex color 24808A.

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](#).

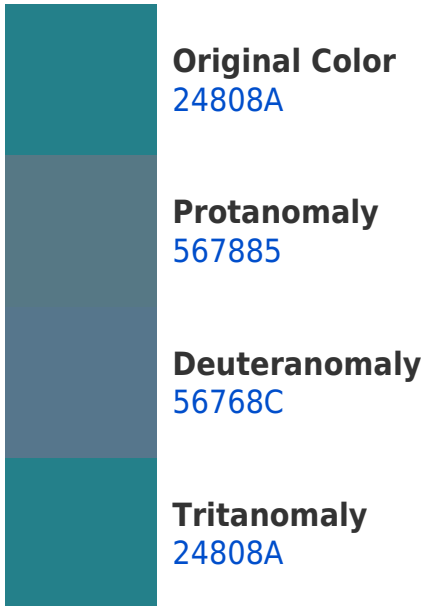
Dichromacy



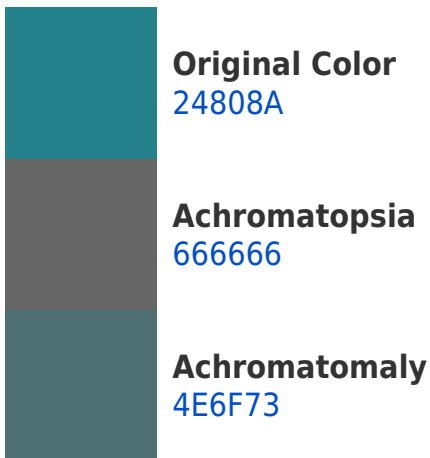


Tritanopia
24808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24808A 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 #24808A looks like.

```
.text, #text, p{  
    color:#24808A  
}
```

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 #24808A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24808A
}
```

Border

The CSS property to change the border of an element to Hex 24808A 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
#24808A }
```

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

```
.border{ border-color:#24808A }
```

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

Here you see how a box with a 4 pixel #24808A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24808A; -webkit-box-shadow:4px 4px  
4px 4px #24808A; box-shadow:4px 4px 4px  
4px #24808A }
```

Background

The CSS property to change the background color of an element to Hex 24808A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24808A }
```

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

```
.background{ background-color:#24808A }
```

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