

Converting Colors

Hex(4888A4)

Have a look what the booklet for
Hex(4888A4) contains.

Hex(4888A4)	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(4888A4)

Conversions

Conversions Part 1

Format	Color
Hex	4888A4
RGB	72, 136, 164
RGB Percent	28%, 53%, 64%
CMY	0.7176, 0.4667, 0.3569
CMYK	0.56, 0.17, 0.00, 0.36
HSL	198°, 39%, 46%
HSV	198°, 56%, 64%
XYZ	18.1775, 21.6664, 38.3459
YIQ	120.0560, -47.1320, -4.8600

Conversions

Conversions Part 2

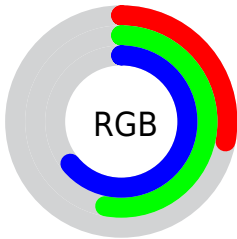
Format	Color
R _Y B	72, 110, 164
Decimal	4753572
CIE Lab	53.67, -12.23, -21.11
CIE LCh	54, 24.403, 239.911
Yxy	21.6664, 0.2325, 0.2771
Android (android.graphics.Color)	4282943652 (0xFF4888A4)
YUV	120.0560, 21.6644, -42.1451
Hunter-Lab	46.5472, -11.7501, -16.2606

Details

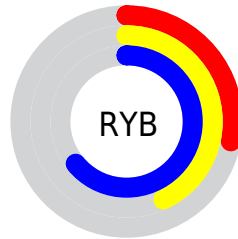
The Hex color **4888A4** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A46448**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7FBDDB**, and **005670** is the 20% darker color. If you saturate the color by 10%, you get **3883A4**, and if you desaturate by 10%, it is **588DA4**.

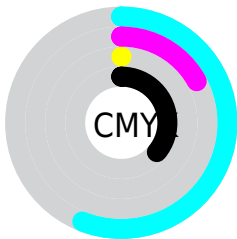
Distribution



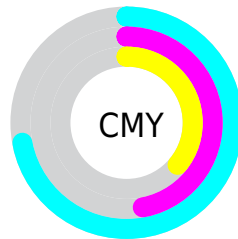
- Red (28%)
- Green (53%)
- Blue (64%)



- Red (28%)
- Yellow (43%)
- Blue (64%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (72%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4888A4 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 4888A4 by changing the saturation by 10% instead.

■ 4888A4

■ 4888A4

FFFFFF

■ 2A6F8A

■ 7FBDDB

■ 005670

■ 9BD9F8

■ 003F58

■ B8F6FF

■ 002940

■ D4FFFF

■ 00152A

■ F2FFFF

■ 000115

■ 000000

■ 4888A4

■ 4888A4

■ 3883A4

■ 588DA4

■ 277EA4

■ 6992A4

■ 1779A4

■ 7997A4

■ 0674A4

■ 8A9CA4

■ 0072A4

■ 9AA1A4

■ AAA6A4

■ BBABA4

■ CBB0A4

■ DCB5A4

Harmonies

Analogous

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



3C8B94



4888A4



6582AA

Triad

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



4888A4



A87181



79855B

Complementary

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



488A4



A4648

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.



8F7F56



4888A4



AA726C

Square

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



4888A4



9B7496



A0785D



608A6B

Rectangle

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



4888A4



797DA8



A0785D



818358

Sweetspot

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



4888A4



B2CBD6



48A464



56656B



EBEBEB



6B6B6B

Same Dimension

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



4888A4



47ABD6



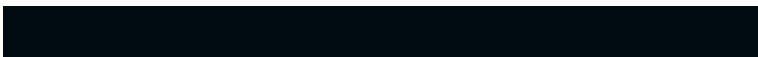
485AA4



494F52



006591



000C12

Inverse Universe

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



A44888



D647AB



A49248



52494F



910065



12000C

Previews

White Background



This preview shows how the Hex color 4888A4 looks on a white background.

Color Contrast Check

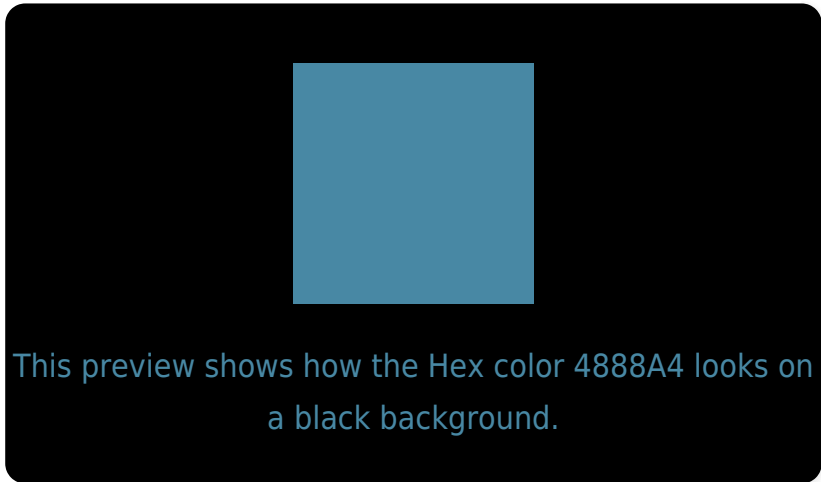
Large Text (above 18pt) WCAG AA ✓ Pass

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

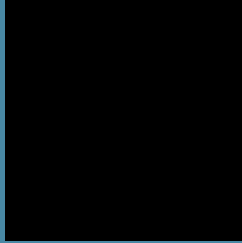
Any Text WCAG AA ✓ Pass

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 4888A4 Background



This preview shows how black text looks on a background with the Hex color 4888A4.

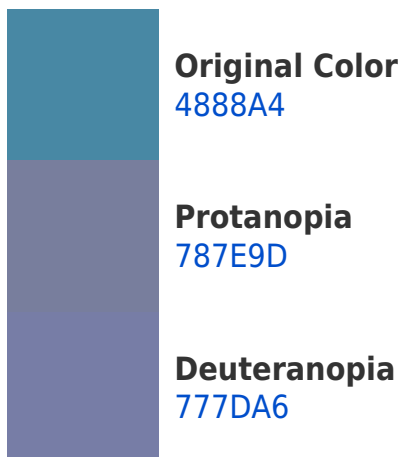



This preview shows how white text looks on a background with the Hex color 4888A4.

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](#).

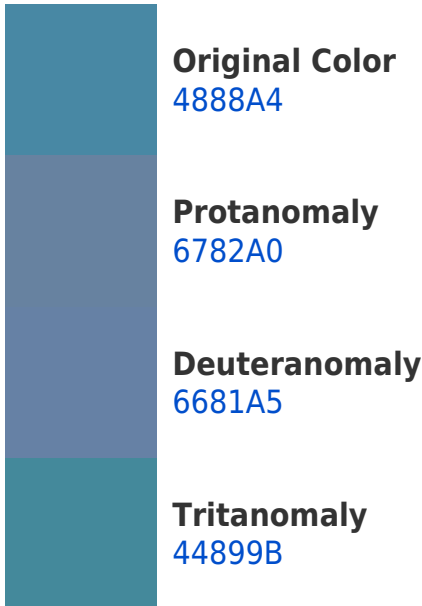
Dichromacy



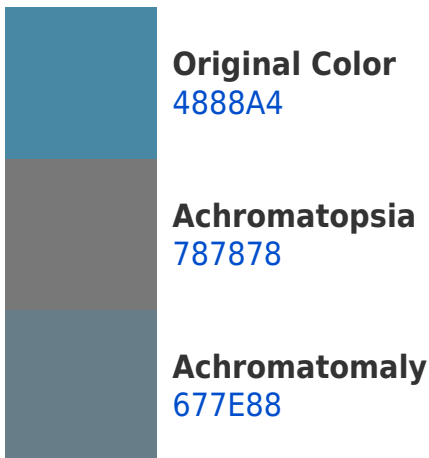


Tritanopia
428A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4888A4 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 #4888A4 looks like.

```
.text, #text, p{  
    color:#4888A4  
}
```

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 #4888A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4888A4  
}
```

Border

The CSS property to change the border of an element to Hex 4888A4 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  
#4888A4 }
```

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

```
.border{ border-color:#4888A4 }
```

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

Here you see how a box with a 4 pixel #4888A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4888A4; -webkit-box-shadow:4px 4px  
4px 4px #4888A4; box-shadow:4px 4px 4px  
4px #4888A4 }
```

Background

The CSS property to change the background color of an element to Hex 4888A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4888A4 }
```

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

```
.background{ background-color:#4888A4 }
```

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