

Converting Colors

Hex(4988AB)

Have a look what the booklet for
Hex(4988AB) contains.

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Color

Hex(4988AB)

Conversions

Conversions Part 1

Format	Color
Hex	4988AB
RGB	73, 136, 171
RGB Percent	29%, 53%, 67%
CMY	0.7137, 0.4667, 0.3294
CMYK	0.57, 0.20, 0.00, 0.33
HSL	201°, 40%, 48%
HSV	201°, 57%, 67%
XYZ	18.9025, 21.9651, 41.7715
YIQ	121.1530, -48.7830, -2.4710

Conversions

Conversions Part 2

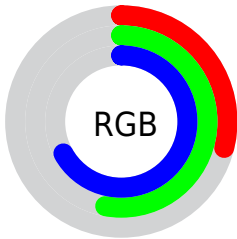
Format	Color
RYB	73, 111, 171
Decimal	4819115
CIELab	53.99, -9.83, -24.65
CIELCh	54, 26.538, 248.264
Yxy	21.9651, 0.2287, 0.2658
Android (android.graphics.Color)	4283009195 (0xFF4988AB)
YUV	121.1530, 24.5746, -42.2302
Hunter-Lab	46.8669, -10.0239, -20.0371

Details

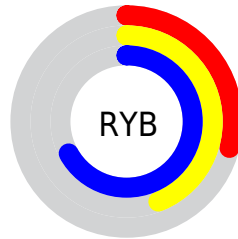
The Hex color **4988AB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AB6C49**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **81BDE2**, and **005677** is the 20% darker color. If you saturate the color by 10%, you get **3882AB**, and if you desaturate by 10%, it is **5A8EAB**.

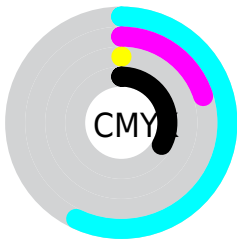
Distribution



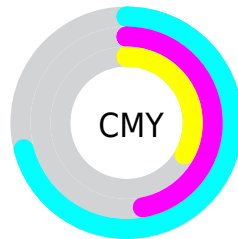
- Red (29%)
- Green (53%)
- Blue (67%)



- Red (29%)
- Yellow (44%)
- Blue (67%)



- Cyan (57%)
- Magenta (20%)
- Yellow (0%)
- Black (33%)



- Cyan (71%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4988AB 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 4988AB by changing the saturation by 10% instead.



4988AB



4988AB

FFFFFF



2B6F90



81BDE2



005677



9DD9FF



003F5E



B9F6FF



002946



D6FFFF



00152F



F4FFFF



00011A



000000



4988AB



4988AB



3882AB



5A8EAB

■ 277CAB

■ 6B94AB

■ 1676AB

■ 7C9AAB

■ 0570AB

■ 8DA0AB

■ 006EAB

■ 9EA7AB

■ B0ADAB

■ C1B3AB

■ D2B9AB

■ E3BFAB

Harmonies

Analogous

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



338C9D



4988AB



6C81AE

Triad

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



4988AB



AE707B



72885C

Complementary

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



4988AB



AB6C49

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.



8B8253



4988AB



AC7366

Square

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



4988AB



A37293



9F7A57



568C6F

Rectangle

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



4988AB



827CA9



9F7A57



7A8658

Sweetspot

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



4988AB



B8D0DE



49AB6B



5A6870



F0F0F0



707070

Same Dimension

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



4988AB



45A7DE



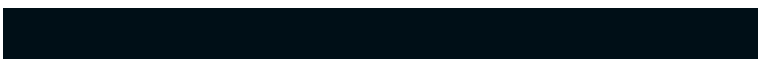
4958AB



4E5457



006196



000F17

Inverse Universe

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



AB4988



DE45A7



AB9C49



574E54



960061



17000F

Previews

White Background



This preview shows how the Hex color 4988AB looks on a white background.

Color Contrast Check

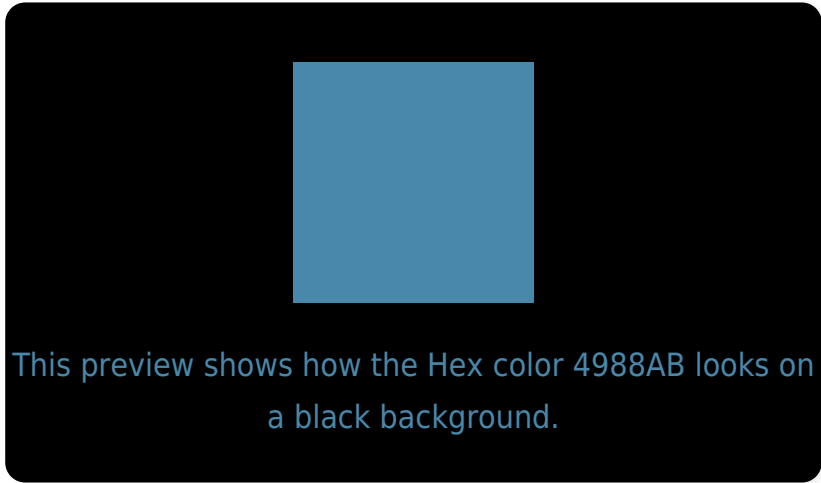
Large Text (above 18pt) WCAG AA ✓ Pass

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

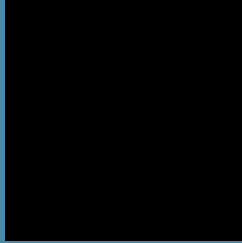
Any Text WCAG AA ✓ Pass

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 4988AB Background



This preview shows how black text looks on a background with the Hex color 4988AB.

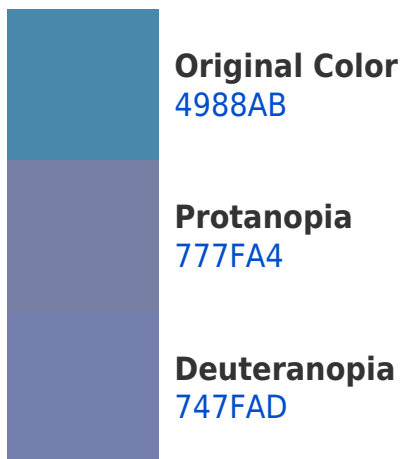


This preview shows how white text looks on a background with the Hex color 4988AB.

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](#).

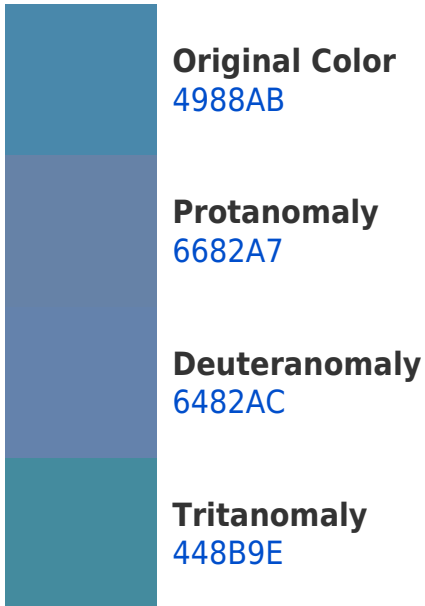
Dichromacy





Tritanopia
418C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4988AB 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 #4988AB looks like.

```
.text, #text, p{  
    color:#4988AB  
}
```

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 #4988AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4988AB
}
```

Border

The CSS property to change the border of an element to Hex 4988AB 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
#4988AB }
```

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

```
.border{ border-color:#4988AB }
```

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

Here you see how a box with a 4 pixel #4988AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4988AB; -webkit-box-shadow:4px 4px  
4px 4px #4988AB; box-shadow:4px 4px 4px  
4px #4988AB }
```

Background

The CSS property to change the background color of an element to Hex 4988AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4988AB }
```

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

```
.background{ background-color:#4988AB }
```

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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