

# Converting Colors

Hex(4B888A)

Have a look what the booklet for  
Hex(4B888A) contains.

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# Color

**Hex(4B888A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B888A
RGB	75, 136, 138
RGB Percent	29%, 53%, 54%
CMY	0.7059, 0.4667, 0.4588
CMYK	0.46, 0.01, 0.00, 0.46
HSL	182°, 30%, 42%
HSV	182°, 46%, 54%
XYZ	16.2933, 20.9392, 27.2277
YIQ	117.9890, -36.9980, -12.3100

# Conversions

## Conversions Part 2

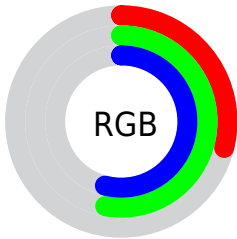
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 106, 138
Decimal	4950154
CIE <sub>Lab</sub>	52.88, -19.16, -7.24
CIE <sub>LCh</sub>	53, 20.477, 200.703
Yxy	20.9392, 0.2528, 0.3248
Android (android.graphics.Color)	4283140234 (0xFF4B888A)
YUV	117.9890, 9.8654, -37.7014
Hunter-Lab	45.7593, -16.5213, -3.2472

# Details

The Hex color **4B888A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A4D4B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **80BEBF**, and **125658** is the 20% darker color. If you saturate the color by 10%, you get **3D888A**, and if you desaturate by 10%, it is **59888A**.

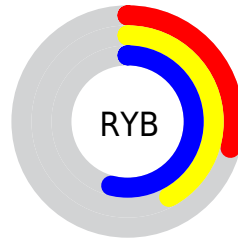
# Distribution



Red (29%)

Green (53%)

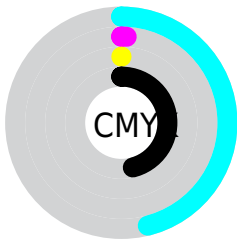
Blue (54%)



Red (29%)

Yellow (42%)

Blue (54%)

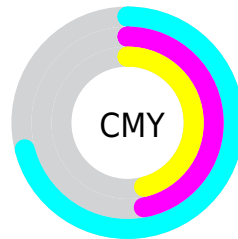


Cyan (46%)

Magenta (1%)

Yellow (0%)

Black (46%)



Cyan (71%)

Magenta (47%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B888A 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 4B888A by changing the saturation by 10% instead.





4B888A



4B888A

FFFFFF



306E71



80BEBF



125658



9BD9DB



003E41



B7F6F8



00282B



D3FFFF



001317



F0FFFF



000000



4B888A



4B888A



3D888A



59888A



2F878A



67898A

■ 22878A

■ 74898A

■ 14868A

■ 828A8A

■ 06868A

■ 908A8A

■ 00868A

■ 9E8B8A

■ AC8B8A

■ B98C8A

■ C78C8A

# Harmonies

## Analogous

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



578878



4B888A



4E8699

# Triad

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



4B888A



907695



907B5C

# Complementary

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



4B888A



8A4D4B

# 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.



9D7664



4B888A



9E7284

# Square

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



4B888A



7A7C9F



A27273



7E815D

# Rectangle

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



4B888A



5A839F



A27273



95795D



# Sweetspot

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



4B888A



9AB2B3



4B8A4C



4A5959



D9D9D9



595959



# Same Dimension

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



4B888A



50AFB3



4B698A



3E4545



008085



000505



# Inverse Universe

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



8A4B88



B350AF



8A6C4B



453E45



850080

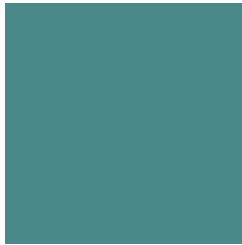


050005



# Previews

## White Background



This preview shows how the Hex color 4B888A looks on a white background.

## Color Contrast Check

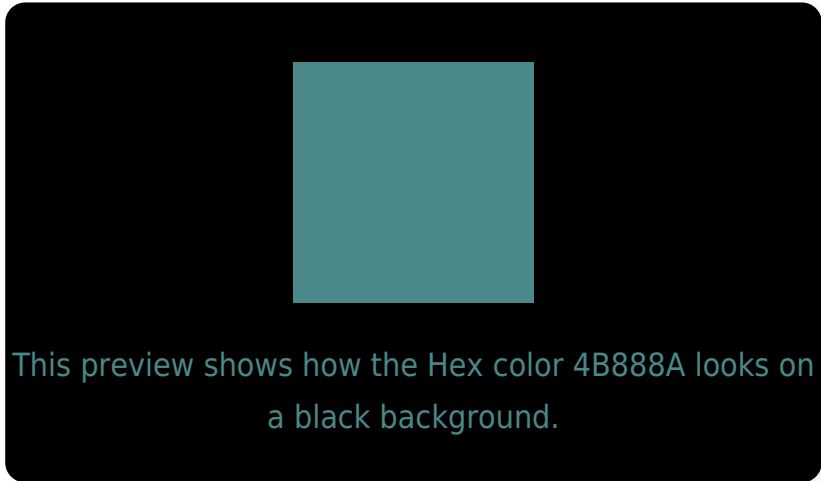
Large Text (above 18pt) WCAG AA ✓ Pass

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

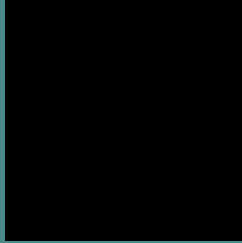
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B888A Background



This preview shows how black text looks on a background with the Hex color 4B888A.

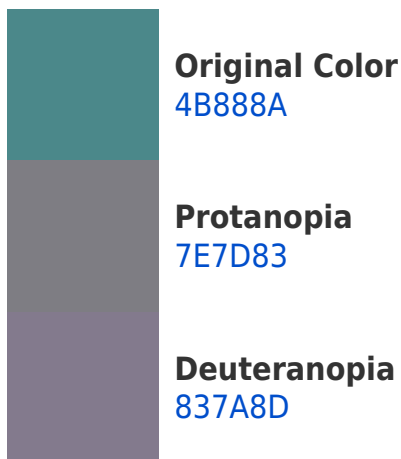


This preview shows how white text looks on a background with the Hex color 4B888A.

# 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



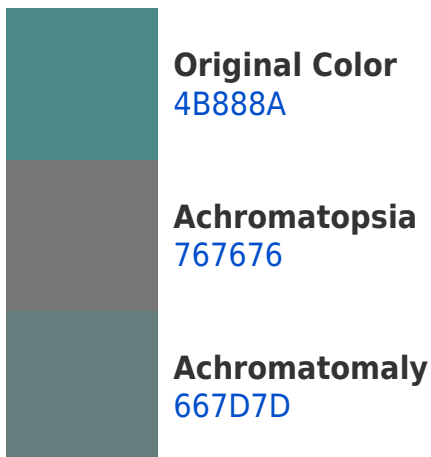


**Tritanopia**  
4D8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B888A 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 #4B888A looks like.

```
.text, #text, p{  
    color:#4B888A  
}
```

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 #4B888A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B888A
}
```

## Border

The CSS property to change the border of an element to Hex 4B888A 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
#4B888A }
```

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

```
.border{ border-color:#4B888A }
```

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

Here you see how a box with a 4 pixel #4B888A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B888A; -webkit-box-shadow:4px 4px  
4px 4px #4B888A; box-shadow:4px 4px 4px  
4px #4B888A }
```

# Background

The CSS property to change the background color of an element to Hex 4B888A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B888A }
```

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

```
.background{ background-color:#4B888A }
```

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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