

# Converting Colors

Hex(4B8EAC)

Have a look what the booklet for  
Hex(4B8EAC) contains.

<b>Hex(4B8EAC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4B8EAC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B8EAC
RGB	75, 142, 172
RGB Percent	29%, 56%, 67%
CMY	0.7059, 0.4431, 0.3255
CMYK	0.56, 0.17, 0.00, 0.33
HSL	199°, 39%, 48%
HSV	199°, 56%, 67%
XYZ	20.0210, 23.8204, 42.5723
YIQ	125.3870, -49.5620, -4.8740

# Conversions

## Conversions Part 2

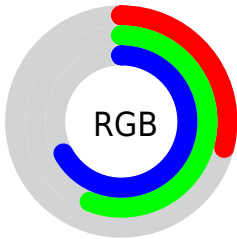
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 115, 172
Decimal	4951724
CIELab	55.91, -12.45, -22.27
CIElCh	56, 25.511, 240.797
Yxy	23.8204, 0.2317, 0.2757
Android (android.graphics.Color)	4283141804 (0xFF4B8EAC)
YUV	125.3870, 22.9802, -44.1894
Hunter-Lab	48.8062, -12.1873, -17.5528

# Details

The Hex color **4B8EAC** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AC694B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **83C4E3**, and **005C78** is the 20% darker color. If you saturate the color by 10%, you get **3A89AC**, and if you desaturate by 10%, it is **5C93AC**.

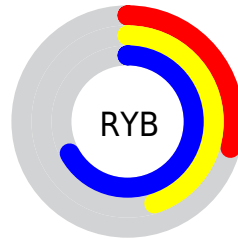
# Distribution



Red (29%)

Green (56%)

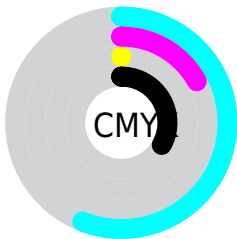
Blue (67%)



Red (29%)

Yellow (45%)

Blue (67%)

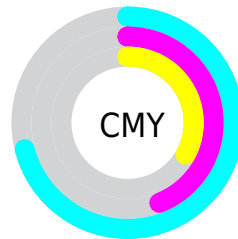


Cyan (56%)

Magenta (17%)

Yellow (0%)

Black (33%)



Cyan (71%)

Magenta (44%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B8EAC 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 4B8EAC by changing the saturation by 10% instead.



 4B8EAC

 4B8EAC

FFFFFF

 2D7491

 83C4E3

 005C78

 9FE0FF

 00445F

 BCFCFF

 002E47

 D9FFFF

 001A30

 F6FFFF

 00011B

 000000

 4B8EAC

 4B8EAC

 3A89AC

 5C93AC

■ 2983AC

■ 6D99AC

■ 177EAC

■ 7F9EAC

■ 0679AC

■ 90A3AC

■ 0077AC

■ A1A9AC

■ B2AEAC

■ C3B3AC

■ D5B9AC

■ E6BEAC

# Harmonies

## Analogous

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



3E929C



4B8EAC



6A88B2

# Triad

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



4B8EAC



B07586



7D8B5F

# Complementary

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



4B8EAC



AC694B

# 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.



95855A



4B8EAC



B17770

# Square

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



4B8EAC



A3799C



A77D60



649070

# Rectangle

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



4B8EAC



8083AF



A77D60



86895C



# Sweetspot

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



4B8EAC



BAD5E0



4BAC68



5A6970



F0F0F0



707070



# Same Dimension

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



4B8EAC



48B1E0



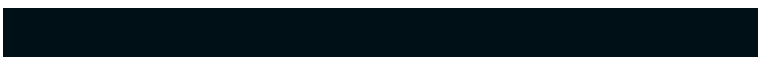
4B5EAC



4E5457



006896



001017



# Inverse Universe

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



AC4B8E



E048B1



AC994B



574E54



960068



170010



# Previews

## White Background



This preview shows how the Hex color 4B8EAC looks on a white background.

## Color Contrast Check

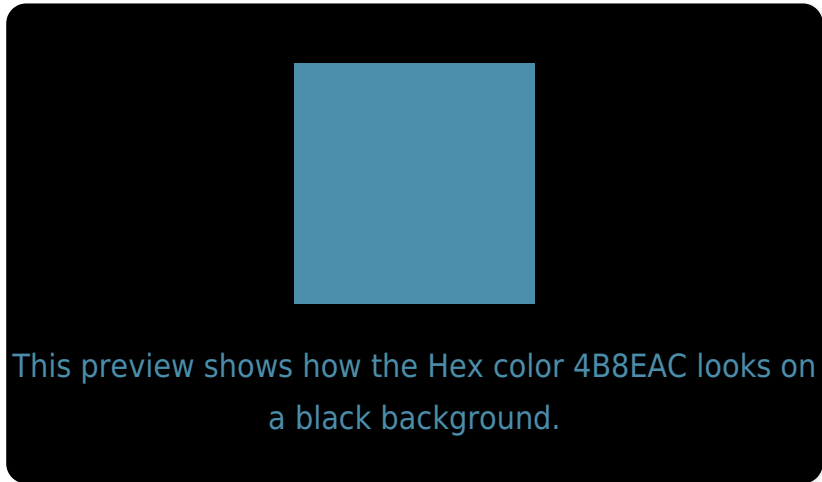
Large Text (above 18pt) WCAG AA ✓ Pass

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

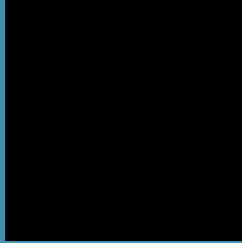
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4B8EAC Background



This preview shows how black text looks on a background with the Hex color 4B8EAC.




This preview shows how white text looks on a background with the Hex color 4B8EAC.

# 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](#).

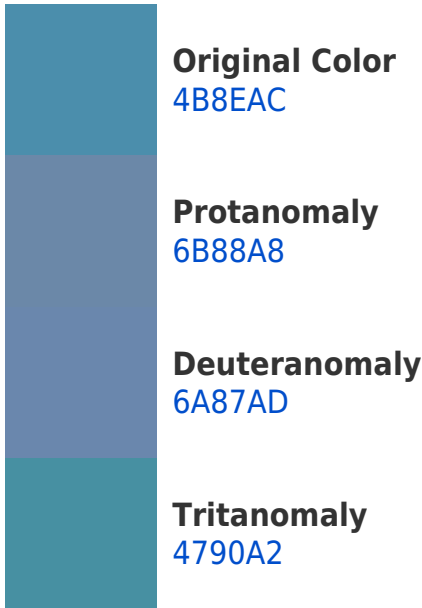
## Dichromacy





**Tritanopia**  
45919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B8EAC 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 #4B8EAC looks like.

```
.text, #text, p{  
    color:#4B8EAC  
}
```

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 #4B8EAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8EAC
}
```

## Border

The CSS property to change the border of an element to Hex 4B8EAC 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
#4B8EAC }
```

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

```
.border{ border-color:#4B8EAC }
```

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

Here you see how a box with a 4 pixel #4B8EAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8EAC; -webkit-box-shadow:4px 4px  
4px 4px #4B8EAC; box-shadow:4px 4px 4px  
4px #4B8EAC }
```

# Background

The CSS property to change the background color of an element to Hex 4B8EAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8EAC }
```

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

```
.background{ background-color:#4B8EAC }
```

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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