

# Converting Colors

Hex(4EACBA)

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

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# Color

**Hex(4EACBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EACBA
RGB	78, 172, 186
RGB Percent	31%, 67%, 73%
CMY	0.6941, 0.3255, 0.2706
CMYK	0.58, 0.08, 0.00, 0.27
HSL	188°, 44%, 52%
HSV	188°, 58%, 73%
XYZ	26.7573, 34.6699, 51.7361
YIQ	145.4900, -60.5180, -15.5740

# Conversions

## Conversions Part 2

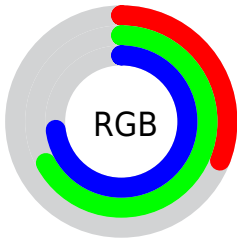
Format	Color
<a href="#">RYB</a>	<a href="#">78, 128, 186</a>
Decimal	<a href="#">5156026</a>
CIELab	<a href="#">65.49, -23.56, -15.56</a>
CIELCh	<a href="#">65, 28.235, 213.453</a>
Yxy	<a href="#">34.6699, 0.2364, 0.3064</a>
Android (android.graphics.Color)	<a href="#">4283346106</a> ( <a href="#">0xFF4EACBA</a> )
YUV	<a href="#">145.4900, 19.9714, -59.1887</a>
Hunter-Lab	<a href="#">58.8812, -21.9264, -10.8785</a>

# Details

The Hex color **4EACBA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA5C4E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **89E4F2**, and **007785** is the 20% darker color. If you saturate the color by 10%, you get **3BAABA**, and if you desaturate by 10%, it is **61AEBA**.

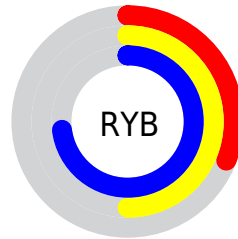
# Distribution



Red (31%)

Green (67%)

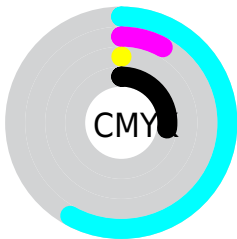
Blue (73%)



Red (31%)

Yellow (50%)

Blue (73%)

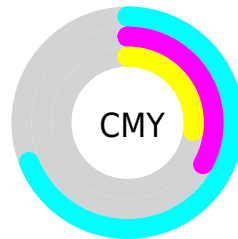


Cyan (58%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (69%)

Magenta (33%)

Yellow (27%)

# Brightness & Saturation Gradients

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



 4EACBA

 4EACBA

FFFFFF

 2D919F

 89E4F2

 007785

 A5FFFF

 005E6C

 C3FFFF

 004653

 E0FFFF

 00303C

FEFFFF

 001D26

 000111

 000000

 4EACBA

 4EACBA

3BAABA

61AEBA

29A7BA

73B1BA

16A5BA

86B3BA

04A2BA

98B6BA

00A2BA

ABB8BA

BEBABA

D0BDBA

E3BFBA

F5C2BA

# Harmonies

## Analogous

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



5AADA1



4EACBA



5FA8CC

# Triad

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



4EACBA



C290B6



AE9E6C

# Complementary

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



4EACBA



BA5C4E

# 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.



C49673



4EACBA



D08C9D

# Square

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



4EACBA



A697C9



D08F84



93A674

# Rectangle

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



4EACBA



76A3D1



D08F84



B69C6D



# Sweetspot

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



4EACBA



C9EDF2



4EBA5B



62777A



FAFAFA



7A7A7A



# Same Dimension

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



4EACBA



49DCF2



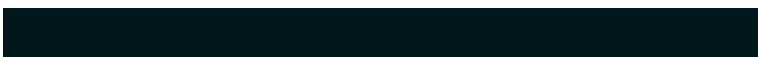
4E77BA



535B5C



00879C



00181C



# Inverse Universe

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



BA4EAC



F249DC



BA914E



5C535B



9C0087

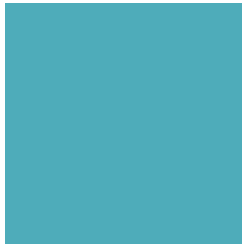


1C0018



# Previews

## White Background



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

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 4EACBA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

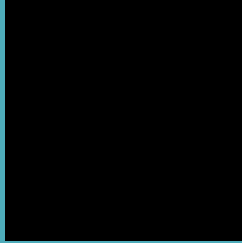
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4EACBA Background



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

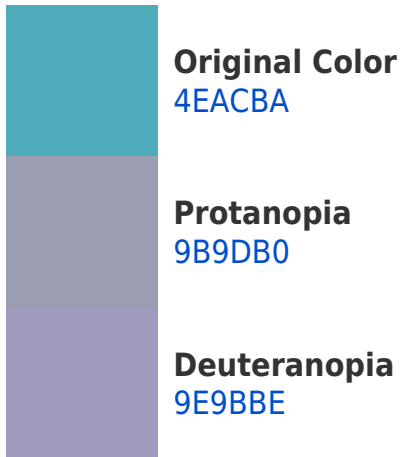


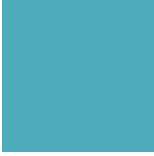
This preview shows how white text looks on a background with the Hex color 4EACBA.

# Color Blindness Simulation

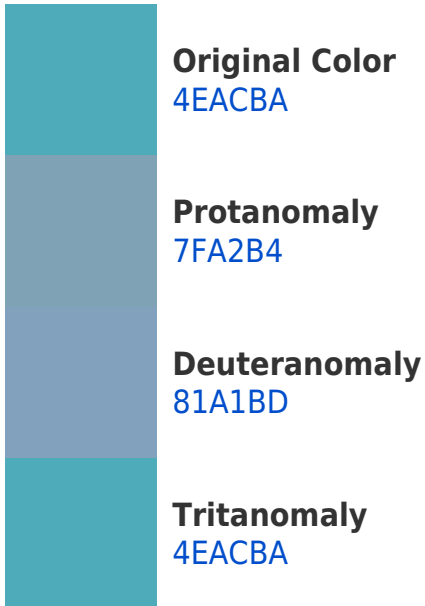
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

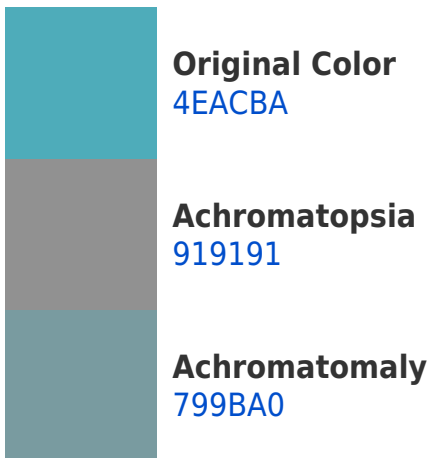




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #4EACBA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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