

# Converting Colors

Hex(4CBACE)

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

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# **Color**

**Hex(4CBACE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CBACE
RGB	76, 186, 206
RGB Percent	30%, 73%, 81%
CMY	0.7020, 0.2706, 0.1922
CMYK	0.63, 0.10, 0.00, 0.19
HSL	189°, 57%, 55%
HSV	189°, 63%, 81%
XYZ	31.6800, 41.1105, 64.6579
YIQ	155.3900, -71.9800, -17.1000

# Conversions

## Conversions Part 2

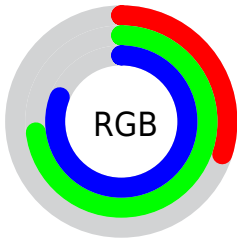
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 136, 206
Decimal	5028558
CIELab	70.25, -25.11, -19.39
CIElCh	70, 31.727, 217.681
Yxy	41.1105, 0.2305, 0.2991
Android (android.graphics.Color)	4283218638 (0xFF4CBACE)
YUV	155.3900, 24.9507, -69.6250
Hunter-Lab	64.1175, -24.0101, -14.9075

# Details

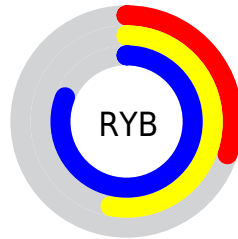
The Hex color **4CBACE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CE604C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8AF2FF**, and **008598** is the 20% darker color. If you saturate the color by 10%, you get **37B7CE**, and if you desaturate by 10%, it is **61BDCE**.

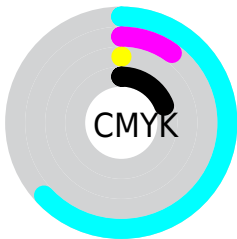
# Distribution



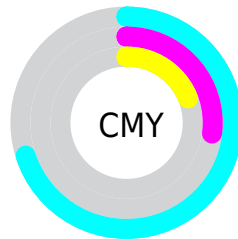
- Red (30%)
- Green (73%)
- Blue (81%)



- Red (30%)
- Yellow (53%)
- Blue (81%)



- Cyan (63%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (70%)
- Magenta (27%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 4CBACE

 4CBACE

FFFFFF

 269FB2

 8AF2FF

 008598

 A8FFFF

 006B7E


 C5FFFF

 005365

 E3FFFF

 003B4D

 002536

 000421

 000006

 000000

 4CBACE

 4CBACE

 37B7CE

 61BDCE

 23B4CE

 75C0CE

 0EB0CE

 8AC4CE

 00AECE

 9EC7CE

 B3CACE

 C8CDCE

 DCD0CE

 F1D3CE

 FFD7CE

# Harmonies

## Analogous

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



58BCB2



4CBACE



66B5E0

# Triad

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



4CBACE



D799C2



B8AC72

# Complementary

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



4CBACE



CE604C

# 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.



D2A377



4CBACE



E496A5

# Square

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



4CBACE



B9A2D9



E29A8A



99B57D

# Rectangle

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



4CBACE



82AFE5



E29A8A



C2A972

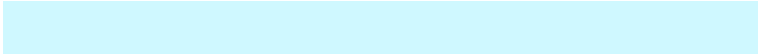


# Sweetspot

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



4CBACE



CFF8FF



4CCE60



627B80



000000



808080

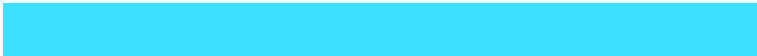


# Same Dimension

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



4CBACE



3DE1FF



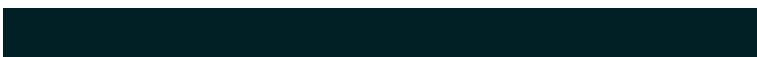
4C7ACE



5C6466



008CA6



002026



# Inverse Universe

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



CE4CBA



FF3DE1



CEA14C



665C64



A6008C

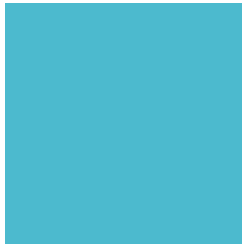


260020



# Previews

## White Background



This preview shows how the Hex color 4CBACE 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 4CBACE 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 4CBACE Background



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

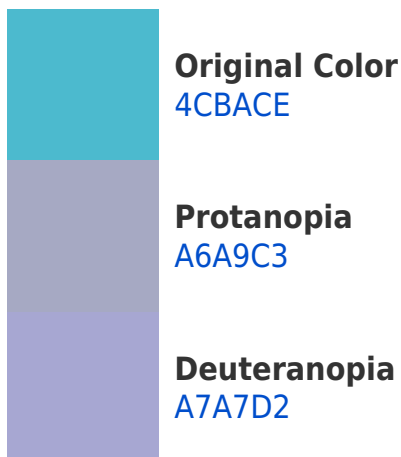


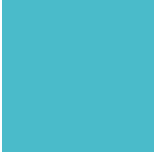
This preview shows how white text looks on a background with the Hex color 4CBACE.

# 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](#).

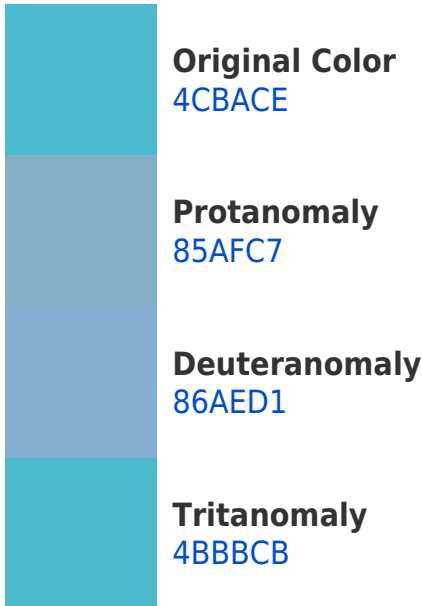
## Dichromacy



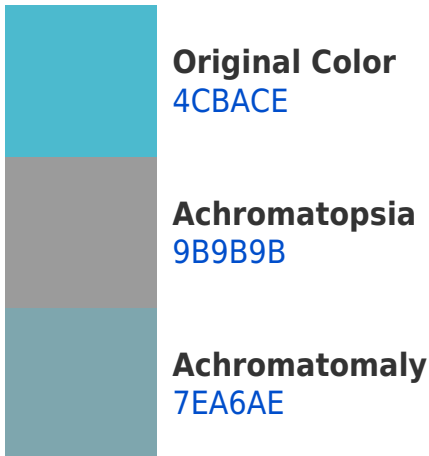


**Tritanopia**  
4ABBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #4CBACE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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