

# Converting Colors

Hex(4CA1BE)

Have a look what the booklet for  
Hex(4CA1BE) contains.

<b>Hex(4CA1BE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4CA1BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4CA1BE
RGB	76, 161, 190
RGB Percent	30%, 63%, 75%
CMY	0.7020, 0.3686, 0.2549
CMYK	0.60, 0.15, 0.00, 0.25
HSL	195°, 47%, 52%
HSV	195°, 60%, 75%
XYZ	25.0196, 30.7439, 53.3307
YIQ	138.8910, -59.9690, -9.0010

# Conversions

## Conversions Part 2

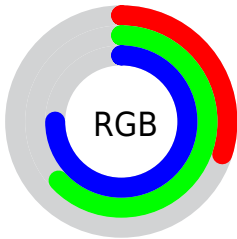
Format	Color
R <sub>YB</sub>	76, 125, 190
Decimal	5022142
CIE Lab	62.29, -17.02, -22.67
CIE LCh	62, 28.346, 233.104
Yxy	30.7439, 0.2293, 0.2818
Android (android.graphics.Color)	4283212222 (0xFF4CA1BE)
YUV	138.8910, 25.1967, -55.1554
Hunter-Lab	55.4472, -16.4875, -18.2137

# Details

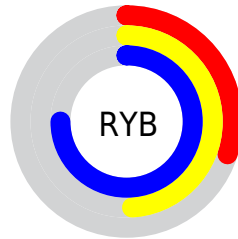
The Hex color **4CA1BE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BE694C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **87D8F6**, and **006D89** is the 20% darker color. If you saturate the color by 10%, you get **399CBE**, and if you desaturate by 10%, it is **5FA6BE**.

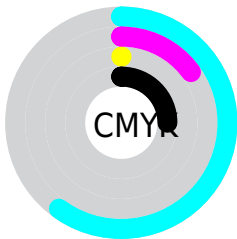
# Distribution



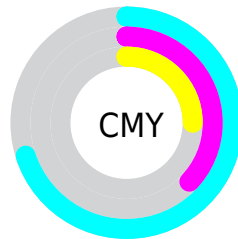
- Red (30%)
- Green (63%)
- Blue (75%)



- Red (30%)
- Yellow (49%)
- Blue (75%)



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (70%)
- Magenta (37%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CA1BE 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 4CA1BE by changing the saturation by 10% instead.



■ 4CA1BE

■ 4CA1BE

FFFFFF

■ 2B87A3

■ 87D8F6

■ 006D89

■ A3F4FF

■ 00556F

■ C0FFFF

■ 003E57

■ DEFFFF

■ 00283F

■ FCFFFF

■ 001129

■ 000114

■ 000000

■ 4CA1BE

■ 4CA1BE

■ 399CBE

■ 5FA6BE

■ 2697BE

■ 72ABBE

■ 1392BE

■ 85B0BE

■ 008EBE

■ 98B4BE

■ ABB9BE

■ BEBEBE

■ D1C3BE

■ E4C8BE

■ F7CDBE

# Harmonies

## Analogous

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



45A4A9



4CA1BE



6C9BC8

# Triad

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



4CA1BE



C4849D



949B68

# Complementary

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



4CA1BE



BE694C

# 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.



AD9365



4CA1BE



C98584

# Square

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



4CA1BE



B18AB5



C08B6F



77A178

# Rectangle

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



4CA1BE



8695C7



C08B6F



9D9965

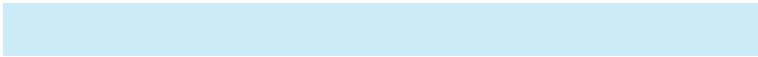


# Sweetspot

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



4CA1BE



CBECF7



4CBE69



61767D



FCFCFC



7D7D7D



# Same Dimension

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



4CA1BE



45CAF7



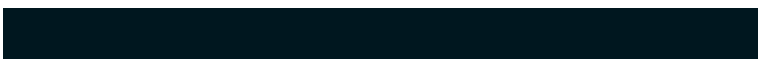
4C69BE



555C5E



00769E



00171F



# Inverse Universe

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



BE4CA1



F745CA



BEA24C



5E555C



9E0076

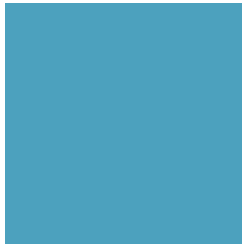


1F0017



# Previews

## White Background



This preview shows how the Hex color 4CA1BE looks on a white background.

## Color Contrast Check

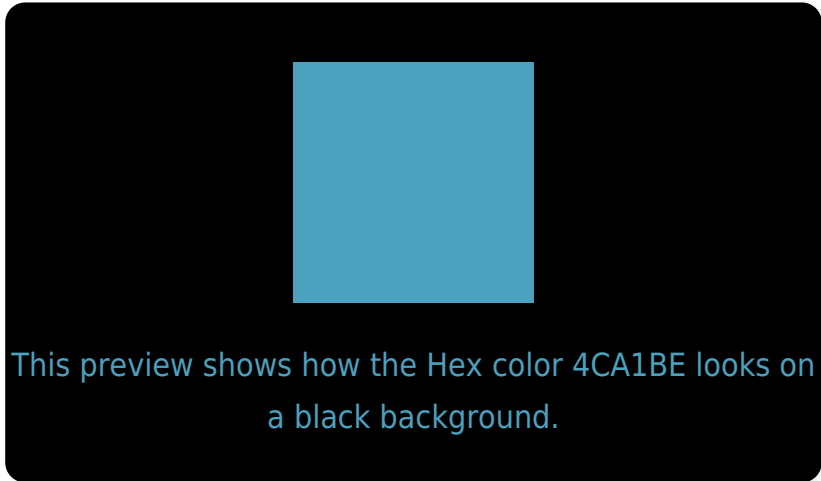
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

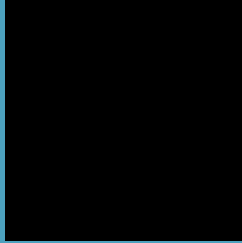
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CA1BE Background



This preview shows how black text looks on a background with the Hex color 4CA1BE.



This preview shows how white text looks on a background with the Hex color 4CA1BE.

# 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](#).

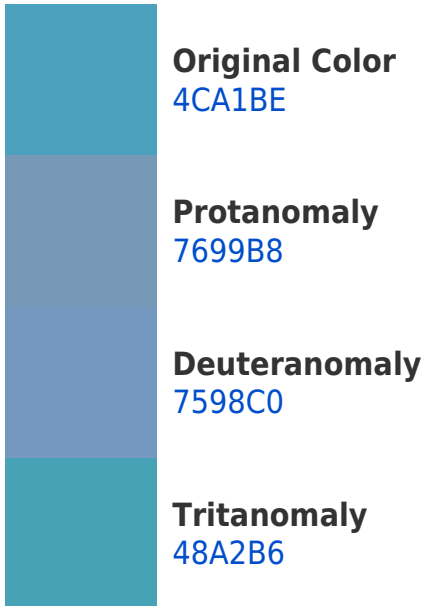
## Dichromacy



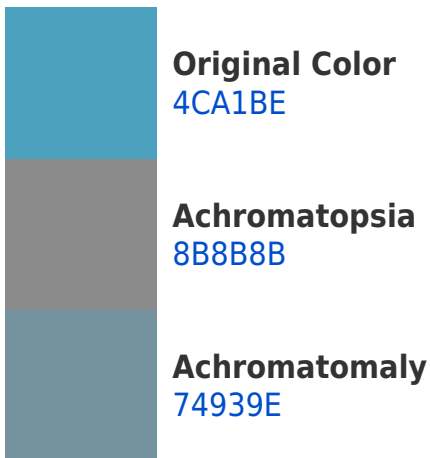


**Tritanopia**  
46A3B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CA1BE 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 #4CA1BE looks like.

```
.text, #text, p{  
    color:#4CA1BE  
}
```

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 #4CA1BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA1BE
}
```

## Border

The CSS property to change the border of an element to Hex 4CA1BE 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
#4CA1BE }
```

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

```
.border{ border-color:#4CA1BE }
```

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

Here you see how a box with a 4 pixel #4CA1BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA1BE; -webkit-box-shadow:4px 4px  
4px 4px #4CA1BE; box-shadow:4px 4px 4px  
4px #4CA1BE }
```

# Background

The CSS property to change the background color of an element to Hex 4CA1BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA1BE }
```

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

```
.background{ background-color:#4CA1BE }
```

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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