

# Converting Colors

Hex(4BCAEE)

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

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# **Color**

**Hex(4BCAEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BCAEE
RGB	75, 202, 238
RGB Percent	29%, 79%, 93%
CMY	0.7059, 0.2078, 0.0667
CMYK	0.68, 0.15, 0.00, 0.07
HSL	193°, 83%, 61%
HSV	193°, 68%, 93%
XYZ	39.4548, 49.9100, 88.4430
YIQ	168.1310, -87.2480, -15.7280

# Conversions

## Conversions Part 2

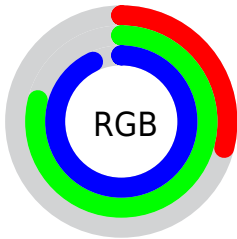
Format	Color
<a href="#">RYB</a>	<a href="#">75, 146, 238</a>
Decimal	<a href="#">4967150</a>
CIELab	<a href="#">76.01, -23.63, -27.96</a>
CIELCh	<a href="#">76, 36.609, 229.804</a>
Yxy	<a href="#">49.9100, 0.2219, 0.2807</a>
Android (android.graphics.Color)	<a href="#">4283157230 (0xFF4BCAEE)</a>
YUV	<a href="#">168.1310, 34.4454, -81.6759</a>
Hunter-Lab	<a href="#">70.6470, -23.9439, -24.7723</a>

# Details

The Hex color **4BCAEE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **EE6F4B**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **8DFFFF**, and **0094B6** is the 20% darker color. If you saturate the color by 10%, you get **33C5EE**, and if you desaturate by 10%, it is **63CFEE**.

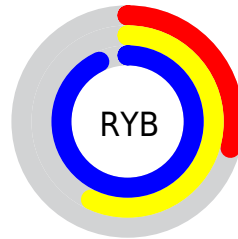
# Distribution



Red (29%)

Green (79%)

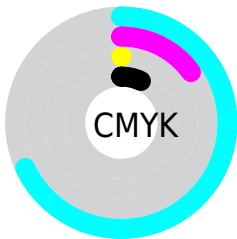
Blue (93%)



Red (29%)

Yellow (57%)

Blue (93%)

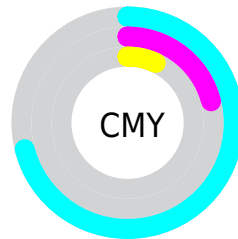


Cyan (68%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (71%)

Magenta (21%)

Yellow (7%)

# Brightness & Saturation Gradients

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



 4BCAEE

 4BCAEE

FFFFFF

 1CAED2

 8DFFFF

 0094B6

 ACFFFF

 007A9B

 CBFFFF

 006181

 EAFFFF

 004968

 00324F

 001F38

 000223

 000009

 4BCAEE

 4BCAEE

 33C5EE

 63CFEE

 1BBFEE

 7BD5EE

 04BAEE

 92DAEE

 00B9EE

 AADFEE

 C2E4EE

 DAEAEE

 F2EFEE

 FFF4EE

 FFF9EE

# Harmonies

## Analogous

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



47CED1



4BCAEE



7AC2FD

# Triad

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



4BCAEE



F6A3C8



BCC07B

# Complementary

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



4BCAEE



EE6F4B

# 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.



DDB579



4BCAEE



FEA3A6

# Square

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



4BCAEE



DBABE7



F5AA89



95C98F

# Rectangle

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



4BCAEE



9EBBFE



F5AA89



C7BD78

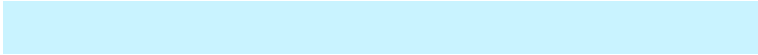


# Sweetspot

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



4BCAEE



C9F3FF



4BEE6E



607880



000000



808080



# Same Dimension

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



4BCAEE



2ED1FF



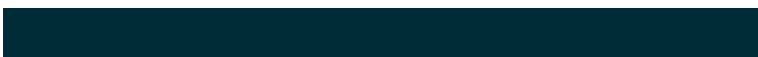
4B79EE



6C7578



008FB8



002C38



# Inverse Universe

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



EE4BCA



FF2ED1



EEC04B



786C75



B8008F

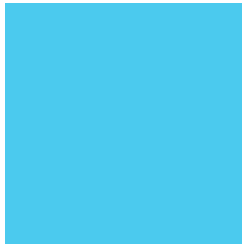


38002C



# Previews

## White Background



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

## Color Contrast Check

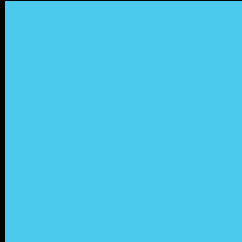
Large Text (above 18pt) WCAG AA × Fail

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 4BCAEE 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 4BCAEE Background



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

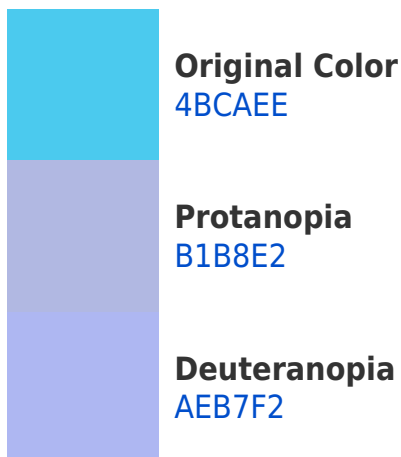


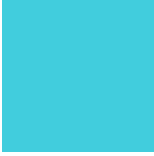
This preview shows how white text looks on a background with the Hex color 4BCAEE.

# 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](#).

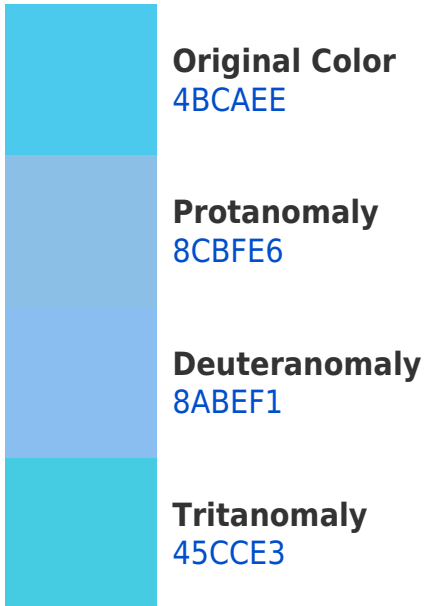
## Dichromacy



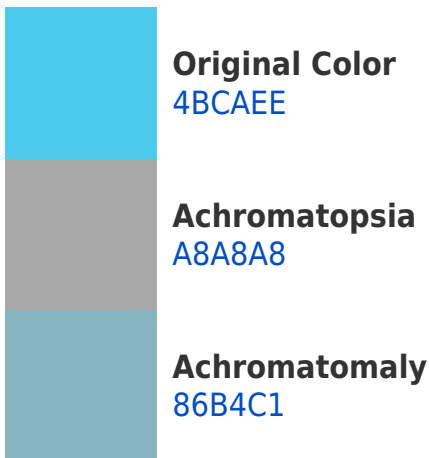


**Tritanopia**  
41CDDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #4BCAEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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