

# Converting Colors

Hex(4BA7DE)

Have a look what the booklet for  
Hex(4BA7DE) contains.

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# **Color**

**Hex(4BA7DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BA7DE
RGB	75, 167, 222
RGB Percent	29%, 65%, 87%
CMY	0.7059, 0.3451, 0.1294
CMYK	0.66, 0.25, 0.00, 0.13
HSL	202°, 69%, 58%
HSV	202°, 66%, 87%
XYZ	29.9052, 34.4072, 74.1723
YIQ	145.7620, -72.4870, -2.3990

# Conversions

## Conversions Part 2

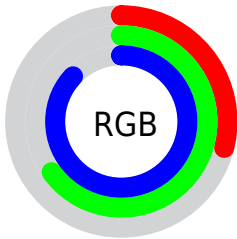
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 132, 222
Decimal	4958174
CIELab	65.28, -10.29, -35.83
CIELCh	65, 37.280, 253.976
Yxy	34.4072, 0.2159, 0.2485
Android (android.graphics.Color)	4283148254 (0xFF4BA7DE)
YUV	145.7620, 37.5853, -62.0583
Hunter-Lab	58.6577, -11.6470, -33.9115

# Details

The Hex color **4BA7DE** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **DE824B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8ADEFF**, and **0073A7** is the 20% darker color. If you saturate the color by 10%, you get **359FDE**, and if you desaturate by 10%, it is **61AFDE**.

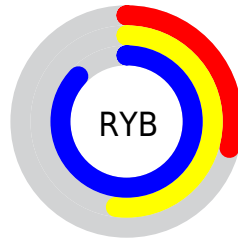
# Distribution



Red (29%)

Green (65%)

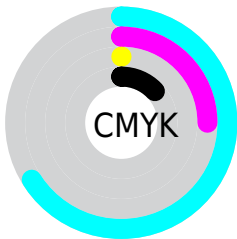
Blue (87%)



Red (29%)

Yellow (52%)

Blue (87%)

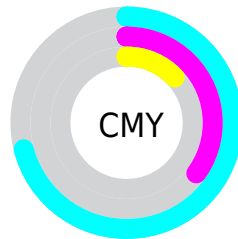


Cyan (66%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (71%)

Magenta (35%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BA7DE 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 4BA7DE by changing the saturation by 10% instead.



 4BA7DE

 4BA7DE

FFFFFF

 238DC2

 8ADEFF

 0073A7

 A8FBFF

 005B8C

 C6FFFF

 004372

 E4FFFF

 002D59

 001A42

 00032B

 000115

 000000

 4BA7DE

 4BA7DE

 359FDE

 61AFDE

 1F96DE

 77B8DE

 088EDE

 8EC0DE

 008BDE

 A4C8DE

 BAD1DE

 D0D9DE

 E6E1DE

 FDE9DE

 FFF2DE

# Harmonies

## Analogous

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



00AECC



4BA7DE



879CDF

# Triad

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



4BA7DE



DF8590



80AA6D

# Complementary

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



4BA7DE



DE824B

# 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.



A5A15D



4BA7DE



D98B72

# Square

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



4BA7DE



D486B2



C4965E



54AF8B

# Rectangle

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



4BA7DE



A894D6



C4965E



8DA866

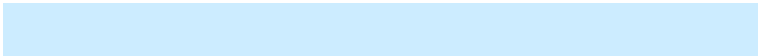


# Sweetspot

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



4BA7DE



CCECFE



4BDE81



617480



000000



808080



# Same Dimension

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



4BA7DE



36B4FF



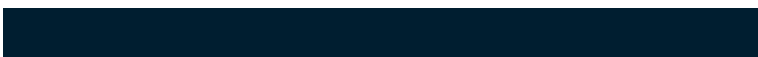
4B5FDE



656C70



006EB0



001E30



# Inverse Universe

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



DE4BA7



FF36B4



DECA4B



70656C



B0006E

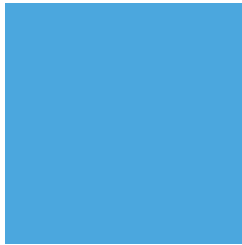


30001E



# Previews

## White Background



This preview shows how the Hex color 4BA7DE looks on a white background.

## Color Contrast Check

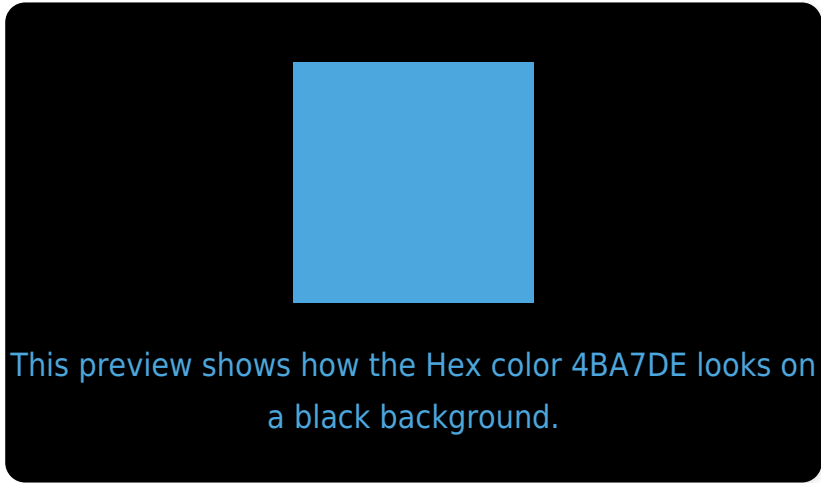
Large Text (above 18pt) WCAG AA × Fail

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 4BA7DE Background



This preview shows how black text looks on a background with the Hex color 4BA7DE.

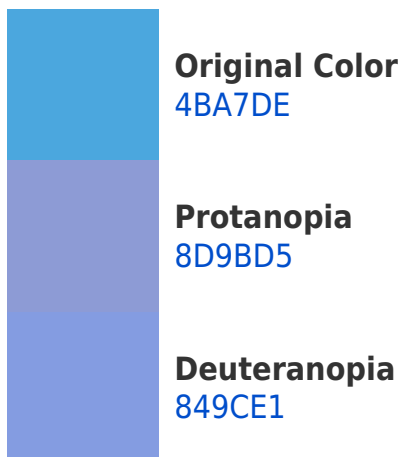


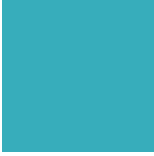
This preview shows how white text looks on a background with the Hex color 4BA7DE.

# 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](#).

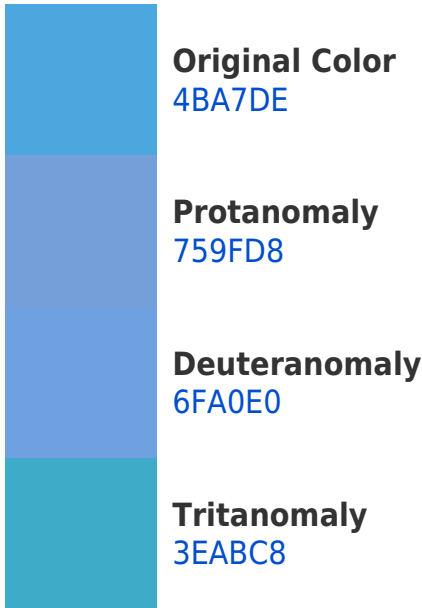
## Dichromacy



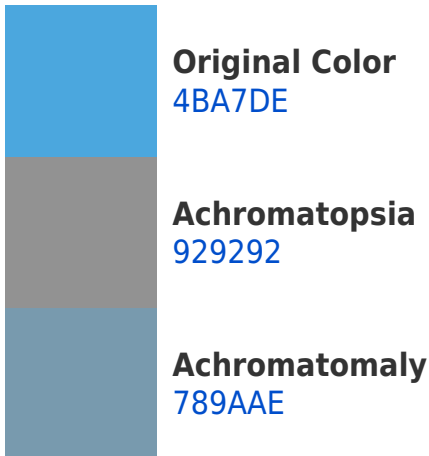


**Tritanopia**  
37ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BA7DE 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 #4BA7DE looks like.

```
.text, #text, p{  
    color:#4BA7DE  
}
```

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 #4BA7DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA7DE
}
```

## Border

The CSS property to change the border of an element to Hex 4BA7DE 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
#4BA7DE }
```

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

```
.border{ border-color:#4BA7DE }
```

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

Here you see how a box with a 4 pixel #4BA7DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA7DE; -webkit-box-shadow:4px 4px  
4px 4px #4BA7DE; box-shadow:4px 4px 4px  
4px #4BA7DE }
```

# Background

The CSS property to change the background color of an element to Hex 4BA7DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA7DE }
```

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

```
.background{ background-color:#4BA7DE }
```

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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