

# Converting Colors

Hex(4BA0B1)

Have a look what the booklet for  
Hex(4BA0B1) contains.

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# Color

**Hex(4BA0B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BA0B1
RGB	75, 160, 177
RGB Percent	29%, 63%, 69%
CMY	0.7059, 0.3725, 0.3059
CMYK	0.58, 0.10, 0.00, 0.31
HSL	190°, 40%, 49%
HSV	190°, 58%, 69%
XYZ	23.4083, 29.8118, 46.1155
YIQ	136.5230, -56.1170, -12.7330

# Conversions

## Conversions Part 2

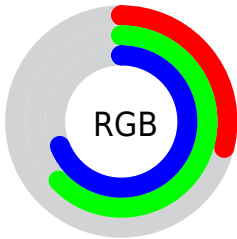
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 121, 177
Decimal	4956337
CIELab	61.49, -20.60, -16.59
CIELCh	61, 26.453, 218.840
Yxy	29.8118, 0.2356, 0.3001
Android (android.graphics.Color)	4283146417 (0xFF4BA0B1)
YUV	136.5230, 19.9552, -53.9557
Hunter-Lab	54.6002, -19.0235, -11.8564

# Details

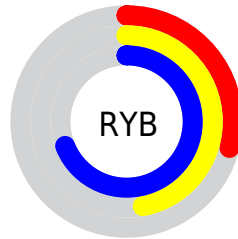
The Hex color **4BA0B1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B15C4B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **84D7E9**, and **006C7C** is the 20% darker color. If you saturate the color by 10%, you get **399DB1**, and if you desaturate by 10%, it is **5DA3B1**.

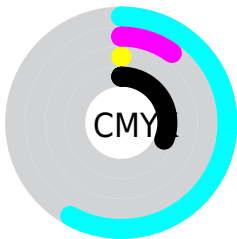
# Distribution



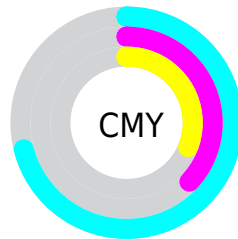
- Red (29%)
- Green (63%)
- Blue (69%)



- Red (29%)
- Yellow (47%)
- Blue (69%)



- Cyan (58%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)



- Cyan (71%)
- Magenta (37%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BA0B1 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 4BA0B1 by changing the saturation by 10% instead.



■ 4BA0B1

■ 4BA0B1

FFFFFF

■ 2B8696

■ 84D7E9

■ 006C7C

■ A1F3FF

■ 005463

■ BEFFFF

■ 003C4C

■ DBFFFF

■ 002635

■ F9FFFF

■ 000C20

■ 000005

■ 000000

■ 4BA0B1

■ 4BA0B1

399DB1

5DA3B1

289AB1

6EA6B1

1697B1

80A9B1

0494B1

92ACB1

0093B1

A3AFB1

B5B2B1

C7B5B1

D9B8B1

EABBB1

# Harmonies

## Analogous

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



52A29B



4BA0B1



5F9BC0

# Triad

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



4BA0B1



B885A6



9E9566

# Complementary

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



4BA0B1



B15C4B

# 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.



B38D69



4BA0B1



C3838E

# Square

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



4BA0B1



A18CB9



C18678



849C6F

# Rectangle

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



4BA0B1



7597C3



C18678



A69366



# Sweetspot

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



4BA0B1



BEDFE6



4BB15C



5C6F73



F2F2F2



737373



# Same Dimension

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



4BA0B1



47CBE6



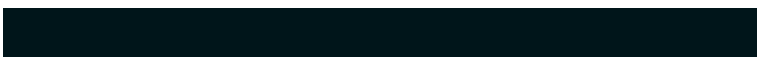
4B6DB1



505859



007F99



00151A



# Inverse Universe

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



B14BA0



E647CB



B18F4B



595058



990080

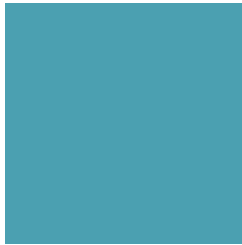


1A0015



# Previews

## White Background



This preview shows how the Hex color 4BA0B1 looks on a white background.

## Color Contrast Check

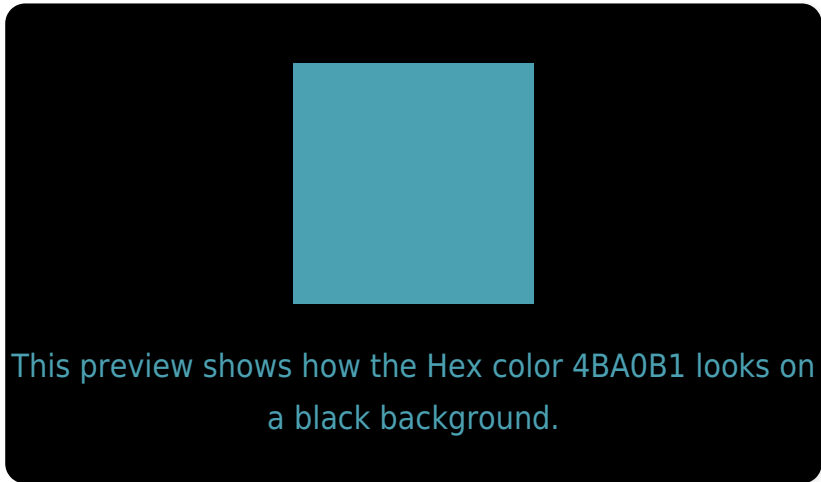
Large Text (above 18pt) WCAG AA ✓ Pass

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

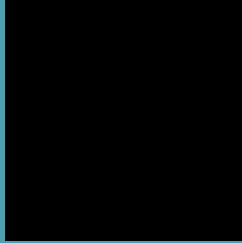
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4BA0B1 Background



This preview shows how black text looks on a background with the Hex color 4BA0B1.

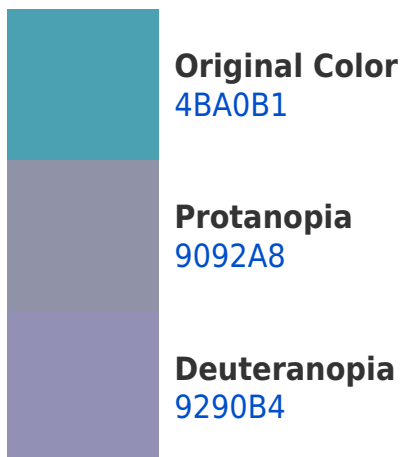


This preview shows how white text looks on a background with the Hex color 4BA0B1.

# 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](#).

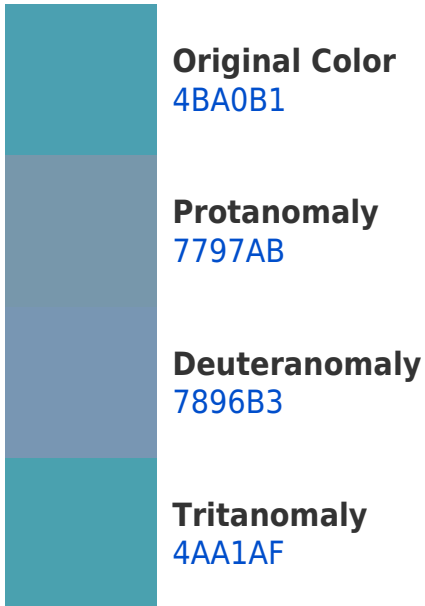
## Dichromacy



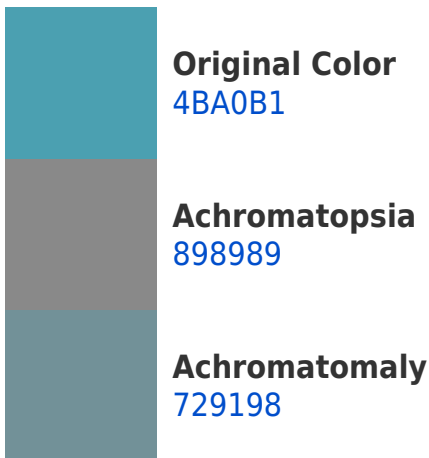


**Tritanopia**  
4AA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BA0B1 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 #4BA0B1 looks like.

```
.text, #text, p{  
    color:#4BA0B1  
}
```

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 #4BA0B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA0B1
}
```

## Border

The CSS property to change the border of an element to Hex 4BA0B1 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
#4BA0B1 }
```

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

```
.border{ border-color:#4BA0B1 }
```

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

Here you see how a box with a 4 pixel #4BA0B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA0B1; -webkit-box-shadow:4px 4px  
4px 4px #4BA0B1; box-shadow:4px 4px 4px  
4px #4BA0B1 }
```

# Background

The CSS property to change the background color of an element to Hex 4BA0B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA0B1 }
```

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

```
.background{ background-color:#4BA0B1 }
```

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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