

Converting Colors

Hex(4BA7BD)

Have a look what the booklet for
Hex(4BA7BD) contains.

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Color

Hex(4BA7BD)

Conversions

Conversions Part 1

Format	Color
Hex	4BA7BD
RGB	75, 167, 189
RGB Percent	29%, 65%, 74%
CMY	0.7059, 0.3451, 0.2588
CMYK	0.60, 0.12, 0.00, 0.26
HSL	192°, 46%, 52%
HSV	192°, 60%, 74%
XYZ	25.9057, 32.8074, 53.1112
YIQ	142.0000, -61.8940, -12.6620

Conversions

Conversions Part 2

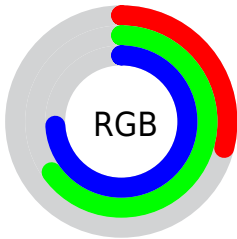
Format	Color
R_{YB}	75, 126, 189
Decimal	4958141
CIE _{Lab}	64.00, -20.67, -19.50
CIE _{LCh}	64, 28.412, 223.334
Yxy	32.8074, 0.2317, 0.2934
Android (android.graphics.Color)	4283148221 (0xFF4BA7BD)
YUV	142.0000, 23.1710, -58.7590
Hunter-Lab	57.2778, -19.5038, -14.8826

Details

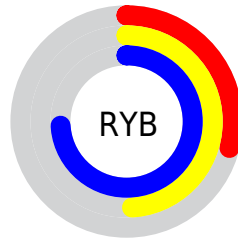
The Hex color **4BA7BD** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BD614B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **86DEF5**, and **007388** is the 20% darker color. If you saturate the color by 10%, you get **38A3BD**, and if you desaturate by 10%, it is **5EABBD**.

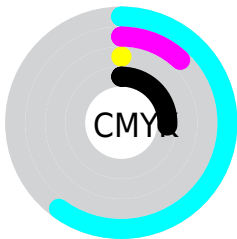
Distribution



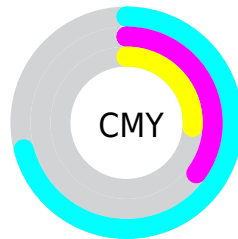
- Red (29%)
- Green (65%)
- Blue (74%)



- Red (29%)
- Yellow (49%)
- Blue (74%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (26%)



- Cyan (71%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BA7BD 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 4BA7BD by changing the saturation by 10% instead.

■ 4BA7BD

■ 4BA7BD

FFFFFF

■ 298CA2

■ 86DEF5

■ 007388

■ A3FBFF

■ 005A6E

■ C0FFFF

■ 004256

■ DEFFFF

■ 002C3F

■ FCFFFF

■ 001829

■ 000114

■ 000000

■ 4BA7BD

■ 4BA7BD

■ 38A3BD

■ 5EABBD

■ 25A0BD

■ 71AEBD

■ 129CBD

■ 84B2BD

■ 0099BD

■ 97B6BD

■ AAB9BD

■ BCBDBD

■ CFC1BD

■ E2C4BD

■ F5C8BD

Harmonies

Analogous

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



4FA9A6



4BA7BD



65A2CB

Triad

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



4BA7BD



C48AAA



A19D69

Complementary

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



4BA7BD



BD614B

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.



B9956B



4BA7BD



CE8891

Square

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



4BA7BD



AD91C0



C98D79



85A476

Rectangle

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



4BA7BD



7E9DCD



C98D79



AA9A68

Sweetspot

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



4BA7BD



C9ECF5



4BBD60



5F757A



FAFAFA



7A7A7A

Same Dimension

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



4BA7BD



45D3F5



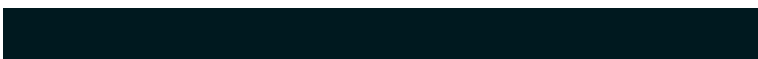
4B6FBD



555D5E



00809E



00191F

Inverse Universe

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



BD4BA7



F545D3



BD994B



5E555D



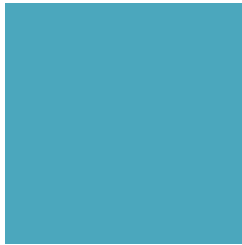
9E0080



1F0019

Previews

White Background



This preview shows how the Hex color 4BA7BD looks on a white background.

Color Contrast Check

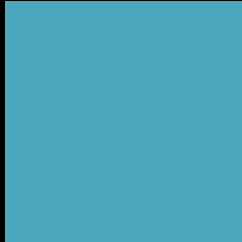
Large Text (above 18pt) WCAG AA × Fail

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 4BA7BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

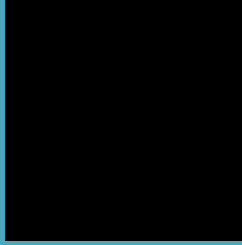
Any Text WCAG AA ✓ Pass

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 4BA7BD Background



This preview shows how black text looks on a background with the Hex color 4BA7BD.

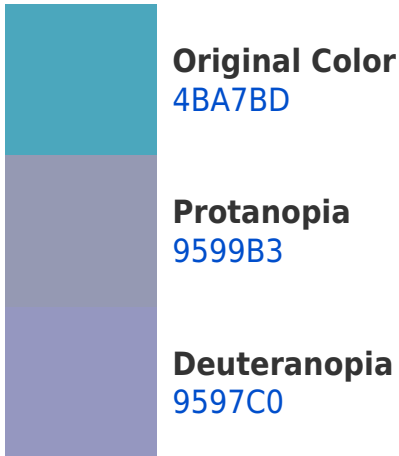


This preview shows how white text looks on a background with the Hex color 4BA7BD.

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](#).

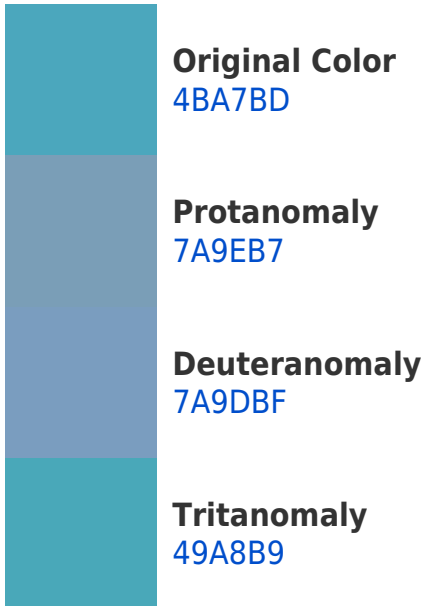
Dichromacy



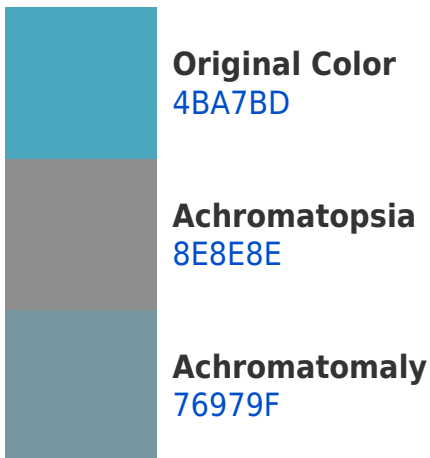


Tritanopia
48A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BA7BD 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 #4BA7BD looks like.

```
.text, #text, p{  
    color:#4BA7BD  
}
```

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 #4BA7BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA7BD  
}
```

Border

The CSS property to change the border of an element to Hex 4BA7BD 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  
#4BA7BD }
```

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

```
.border{ border-color:#4BA7BD }
```

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

Here you see how a box with a 4 pixel #4BA7BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA7BD; -webkit-box-shadow:4px 4px  
4px 4px #4BA7BD; box-shadow:4px 4px 4px  
4px #4BA7BD }
```

Background

The CSS property to change the background color of an element to Hex 4BA7BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA7BD }
```

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

```
.background{ background-color:#4BA7BD }
```

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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