

Converting Colors

Hex(4B9CD1)

Have a look what the booklet for
Hex(4B9CD1) contains.

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Color

Hex(4B9CD1)

Conversions

Conversions Part 1

Format	Color
Hex	4B9CD1
RGB	75, 156, 209
RGB Percent	29%, 61%, 82%
CMY	0.7059, 0.3882, 0.1804
CMYK	0.64, 0.25, 0.00, 0.18
HSL	204°, 59%, 56%
HSV	204°, 64%, 82%
XYZ	26.2987, 29.8762, 64.7022
YIQ	137.8230, -65.2890, -0.6890

Conversions

Conversions Part 2

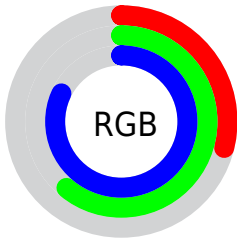
Format	Color
R_{YB}	75, 125, 209
Decimal	4955345
CIE _{Lab}	61.55, -8.44, -34.44
CIE _{LCh}	62, 35.462, 256.228
Yxy	29.8762, 0.2176, 0.2472
Android (android.graphics.Color)	4283145425 (0xFF4B9CD1)
YUV	137.8230, 35.0903, -55.0958
Hunter-Lab	54.6592, -9.7699, -31.9225

Details

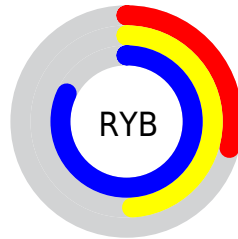
The Hex color **4B9CD1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D1804B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **88D2FF**, and **00699A** is the 20% darker color. If you saturate the color by 10%, you get **3694D1**, and if you desaturate by 10%, it is **60A4D1**.

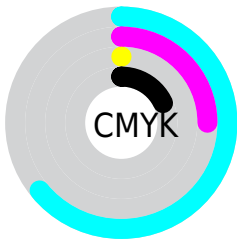
Distribution



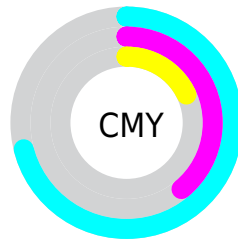
- Red (29%)
- Green (61%)
- Blue (82%)



- Red (29%)
- Yellow (49%)
- Blue (82%)



- Cyan (64%)
- Magenta (25%)
- Yellow (0%)
- Black (18%)



- Cyan (71%)
- Magenta (39%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9CD1 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 4B9CD1 by changing the saturation by 10% instead.

■ 4B9CD1

■ 4B9CD1

FFFFFF

■ 2782B5

■ 88D2FF

■ 00699A

■ A5EFFF

■ 005180

■ C3FFFF

■ 003A67

■ E0FFFF

■ 00254E

■ 000F37

■ 000221

■ 000006

■ 000000

■ 4B9CD1

■ 4B9CD1

■ 3694D1

■ 60A4D1

■ 218BD1

■ 75ADD1

■ 0C83D1

■ 8AB5D1

■ 007ED1

■ 9FBDD1

■ B4C5D1

■ C8CED1

■ DDD6D1

■ F2DED1

■ FFE6D1

Harmonies

Analogous

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



00A3C1



4B9CD1



8292D1

Triad

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



4B9CD1



D27C85



75A068

Complementary

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



4B9CD1



D1804B

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.



989857



4B9CD1



CA8369

Square

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



4B9CD1



C97EA4



B68E58



4CA485

Rectangle

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



4B9CD1



A18AC7



B68E58



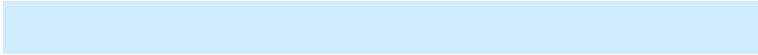
819E61

Sweetspot

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



4B9CD1



CFECCF



4BD17E



627480



000000



808080

Same Dimension

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



4B9CD1



3BB1FF



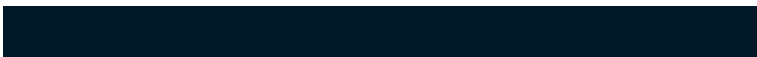
4B5BD1



5E6469



0066A8



001929

Inverse Universe

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



D14B9C



FF3BB1



D1C14B



695E64



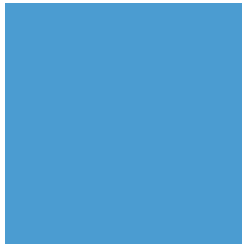
A80066



290019

Previews

White Background



This preview shows how the Hex color 4B9CD1 looks on a white background.

Color Contrast Check

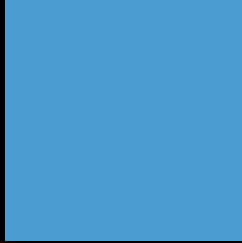
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4B9CD1 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

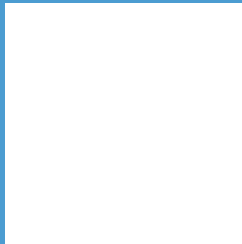
Any Text WCAG AAA × Fail

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

Hex 4B9CD1 Background



This preview shows how black text looks on a background with the Hex color 4B9CD1.

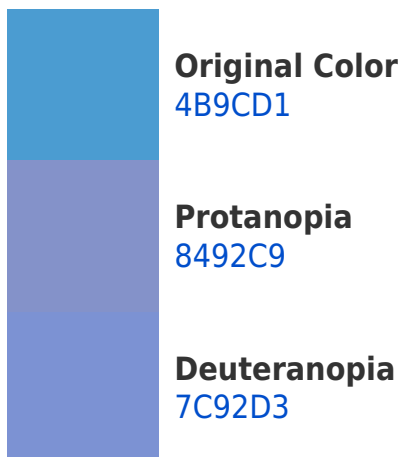


This preview shows how white text looks on a background with the Hex color 4B9CD1.

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](#).

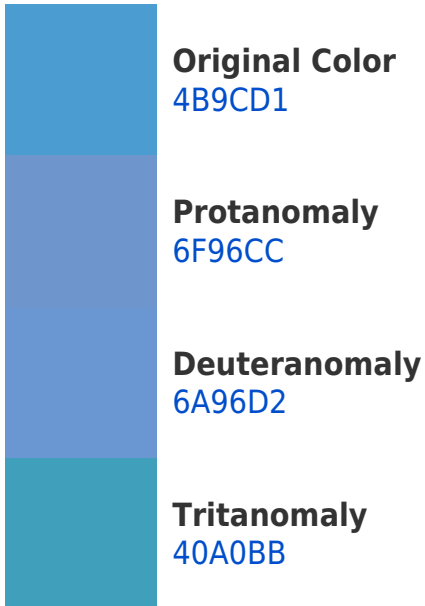
Dichromacy



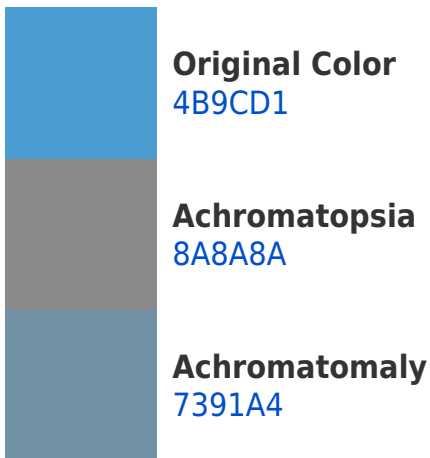


Tritanopia
39A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9CD1 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 #4B9CD1 looks like.

```
.text, #text, p{  
    color:#4B9CD1  
}
```

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 #4B9CD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9CD1
}
```

Border

The CSS property to change the border of an element to Hex 4B9CD1 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
#4B9CD1 }
```

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

```
.border{ border-color:#4B9CD1 }
```

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

Here you see how a box with a 4 pixel #4B9CD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9CD1; -webkit-box-shadow:4px 4px  
4px 4px #4B9CD1; box-shadow:4px 4px 4px  
4px #4B9CD1 }
```

Background

The CSS property to change the background color of an element to Hex 4B9CD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9CD1 }
```

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

```
.background{ background-color:#4B9CD1 }
```

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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