

Converting Colors

Hex(4A99B6)

Have a look what the booklet for
Hex(4A99B6) contains.

Hex(4A99B6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A99B6)

Conversions

Conversions Part 1

Format	Color
Hex	4A99B6
RGB	74, 153, 182
RGB Percent	29%, 60%, 71%
CMY	0.7098, 0.4000, 0.2863
CMYK	0.59, 0.16, 0.00, 0.29
HSL	196°, 43%, 50%
HSV	196°, 59%, 71%
XYZ	22.6588, 27.6157, 48.3921
YIQ	132.6850, -56.3930, -7.7290

Conversions

Conversions Part 2

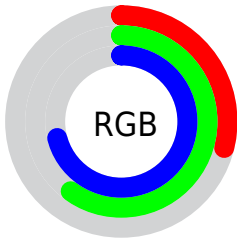
Format	Color
R_{YB}	74, 120, 182
Decimal	4889014
CIE _{Lab}	59.54, -15.57, -22.39
CIE _{LCh}	60, 27.271, 235.175
Yxy	27.6157, 0.2296, 0.2799
Android (android.graphics.Color)	4283079094 (0xFF4A99B6)
YUV	132.6850, 24.3123, -51.4667
Hunter-Lab	52.5507, -14.9981, -17.8127

Details

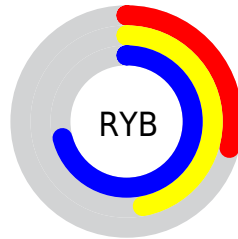
The Hex color **4A99B6** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B6674A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **84CFEE**, and **006681** is the 20% darker color. If you saturate the color by 10%, you get **3894B6**, and if you desaturate by 10%, it is **5C9EB6**.

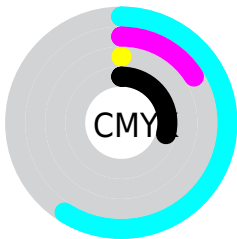
Distribution



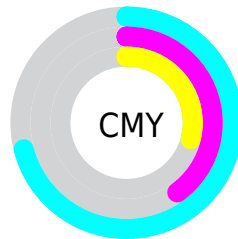
- Red (29%)
- Green (60%)
- Blue (71%)



- Red (29%)
- Yellow (47%)
- Blue (71%)



- Cyan (59%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A99B6 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 4A99B6 by changing the saturation by 10% instead.

■ 4A99B6

■ 4A99B6

FFFFFF

■ 2A7F9B

■ 84CFEE

■ 006681

■ A0ECFF

■ 004E68

■ BDFFFF

■ 003750

■ DAFFFF

■ 002239

■ F8FFFF

■ 000223

■ 00000B

■ 000000

■ 4A99B6

■ 4A99B6

■ 3894B6

■ 5C9EB6

■ 268FB6

■ 6EA3B6

■ 138AB6

■ 81A8B6

■ 0185B6

■ 93ADB6

■ 0085B6

■ A5B1B6

■ B7B6B6

■ C9BBB6

■ DCC0B6

■ EEC5B6

Harmonies

Analogous

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



419CA3



4A99B6



6A93BF

Triad

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



4A99B6



BB7E94



8B9463

Complementary

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



4A99B6



B6674A

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.



A48D60



4A99B6



BF7F7C

Square

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



4A99B6



AA82AB



B68469



6F9A73

Rectangle

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



4A99B6



828DBD



B68469



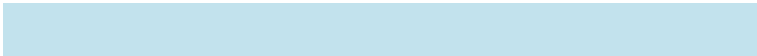
949261

Sweetspot

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



4A99B6



C2E2ED



4AB667



5D7178



F7F7F7



787878

Same Dimension

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



4A99B6



45C0ED



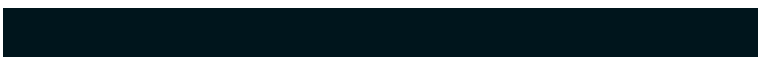
4A63B6



53595C



00729C



00151C

Inverse Universe

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



B64A99



ED45C0



B69D4A



5C5359



9C0072



1C0015

Previews

White Background



This preview shows how the Hex color 4A99B6 looks on a white background.

Color Contrast Check

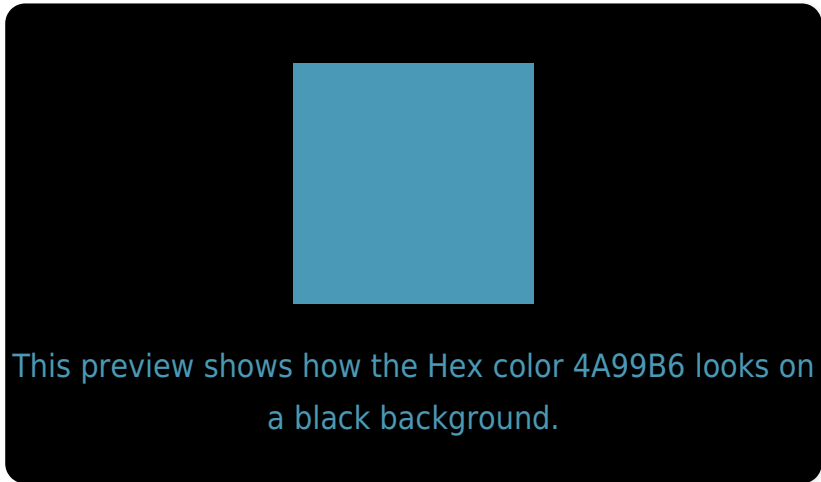
Large Text (above 18pt) WCAG AA ✓ Pass

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

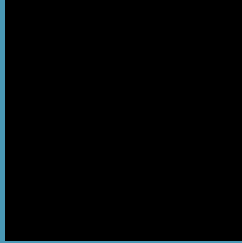
Any Text WCAG AA ✓ Pass

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 4A99B6 Background



This preview shows how black text looks on a background with the Hex color 4A99B6.



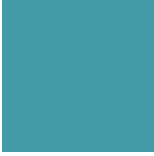
This preview shows how white text looks on a background with the Hex color 4A99B6.

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](#).

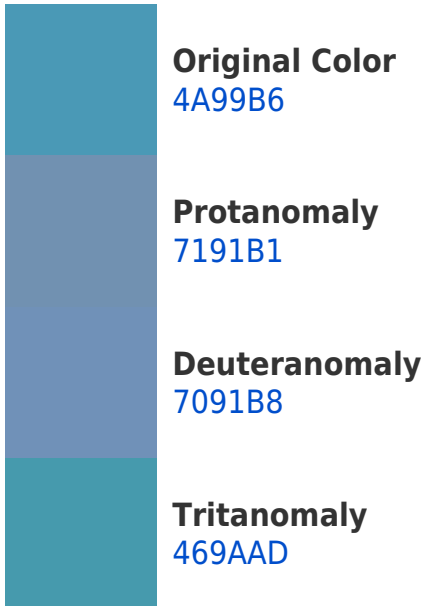
Dichromacy





Tritanopia
449BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A99B6 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 #4A99B6 looks like.

```
.text, #text, p{  
    color:#4A99B6  
}
```

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 #4A99B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A99B6
}
```

Border

The CSS property to change the border of an element to Hex 4A99B6 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
#4A99B6 }
```

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

```
.border{ border-color:#4A99B6 }
```

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

Here you see how a box with a 4 pixel #4A99B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A99B6; -webkit-box-shadow:4px 4px  
4px 4px #4A99B6; box-shadow:4px 4px 4px  
4px #4A99B6 }
```

Background

The CSS property to change the background color of an element to Hex 4A99B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A99B6 }
```

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

```
.background{ background-color:#4A99B6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor