

Converting Colors

Hex(4A82BD)

Have a look what the booklet for
Hex(4A82BD) contains.

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Color

Hex(4A82BD)

Conversions

Conversions Part 1

Format	Color
Hex	4A82BD
RGB	74, 130, 189
RGB Percent	29%, 51%, 74%
CMY	0.7098, 0.4902, 0.2588
CMYK	0.61, 0.31, 0.00, 0.26
HSL	211°, 47%, 52%
HSV	211°, 61%, 74%
XYZ	19.9920, 21.0952, 51.1622
YIQ	119.9820, -52.3150, 6.4770

Conversions

Conversions Part 2

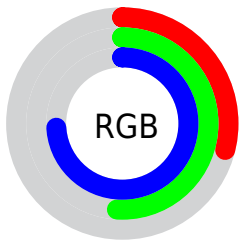
Format	Color
R_{YB}	74, 112, 189
Decimal	4883133
CIE _{Lab}	53.05, -0.29, -36.43
CIE _{LCh}	53, 36.430, 269.545
Yxy	21.0952, 0.2167, 0.2287
Android (android.graphics.Color)	4283073213 (0xFF4A82BD)
YUV	119.9820, 34.0259, -40.3262
Hunter-Lab	45.9295, -2.6801, -33.8941




Details

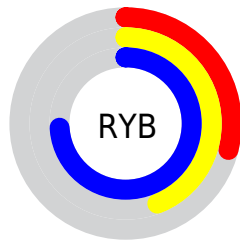
The Hex color **4A82BD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BD854A**, and the grayscale version is **787878**.




A 20% lighter version of the original color is **84B7F6**, and **005187** is the 20% darker color. If you saturate the color by 10%, you get **3778BD**, and if you desaturate by 10%, it is **5D8CBD**.

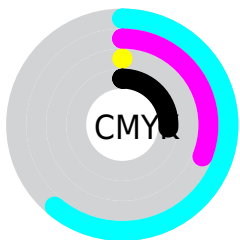
Distribution







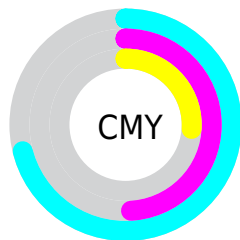
-  Red (29%)
-  Green (51%)
-  Blue (74%)






-  Red (29%)
-  Yellow (44%)
-  Blue (74%)



-  Cyan (61%)
-  Magenta (31%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (71%)
-  Magenta (49%)
-  Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A82BD 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 4A82BD by changing the saturation by 10% instead.

■ 4A82BD

■ 4A82BD

FFFFFF

■ 2A69A2

■ 84B7F6

■ 005187

■ A0D2FF

■ 003A6E

■ BDEEFF

■ 002555

■ DAFFFF

■ 00103D

■ F8FFFF

■ 000327

■ 000110

■ 000000

■ 4A82BD

■ 4A82BD

■ 3778BD

■ 5D8CBD

■ 246FBD

■ 7095BD

■ 1165BD

■ 839FBD

■ 005CBD

■ 96A9BD

■ A9B2BD

■ BBBCBD

■ CEC6BD

■ E1D0BD

■ F4D9BD

Harmonies

Analogous

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



008AB4



4A82BD



8177B5

Triad

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



4A82BD



B96861



4C8C5E

Complementary

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



4A82BD



BD854A

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.



728647



4A82BD



AB7249

Square

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



4A82BD



B86580



927D3F



048F7D

Rectangle

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



4A82BD



9B6FA8



927D3F



5A8A55

Sweetspot

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



4A82BD



C9DEF5



4ABD84



5F6D7A



FAFAFA



7A7A7A

Same Dimension

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



4A82BD



4299F5



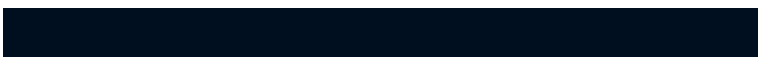
4A4ABD



555A5E



004D9E



000F1F

Inverse Universe

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



BD4A82



F54299



BDBD4A



5E555A



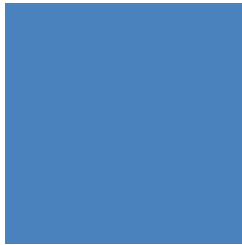
9E004D



1F000F

Previews

White Background



This preview shows how the Hex color 4A82BD looks on a white background.

Color Contrast Check

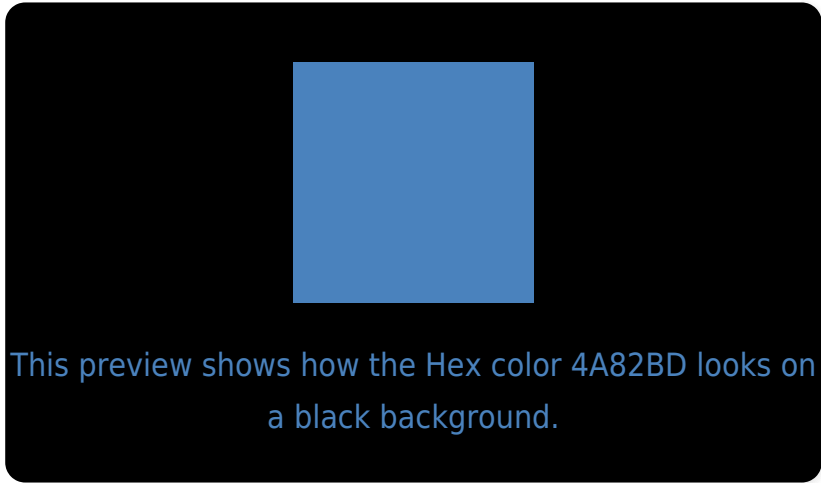
Large Text (above 18pt) WCAG AA ✓ Pass

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

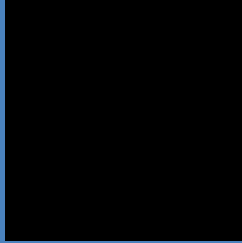
Any Text WCAG AA ✓ Pass

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 4A82BD Background



This preview shows how black text looks on a background with the Hex color 4A82BD.

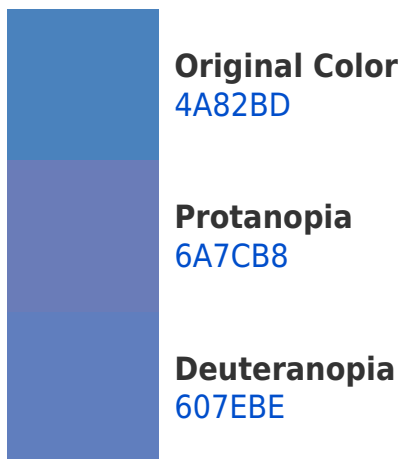



This preview shows how white text looks on a background with the Hex color 4A82BD.

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](#).

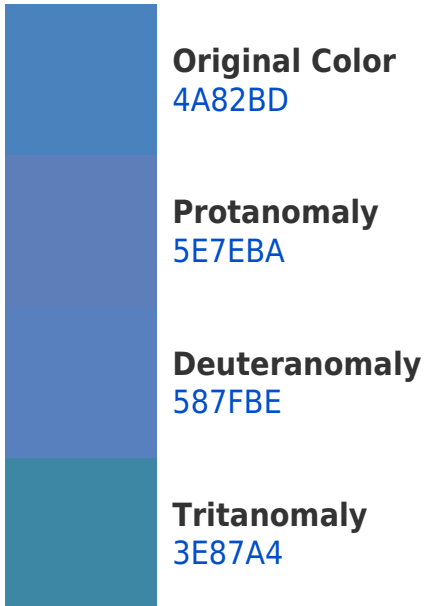
Dichromacy



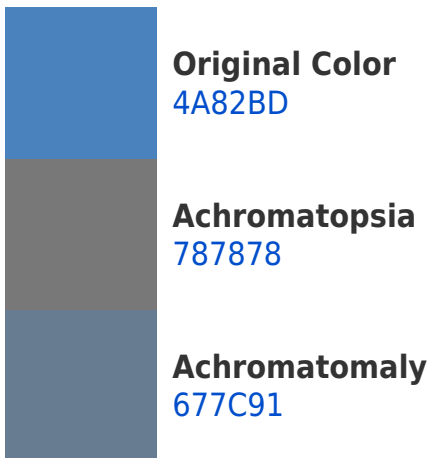


Tritanopia
378A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A82BD 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 #4A82BD looks like.

```
.text, #text, p{  
    color:#4A82BD  
}
```

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 #4A82BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A82BD
}
```

Border

The CSS property to change the border of an element to Hex 4A82BD 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
#4A82BD }
```

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

```
.border{ border-color:#4A82BD }
```

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

Here you see how a box with a 4 pixel #4A82BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A82BD; -webkit-box-shadow:4px 4px  
4px 4px #4A82BD; box-shadow:4px 4px 4px  
4px #4A82BD }
```

Background

The CSS property to change the background color of an element to Hex 4A82BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A82BD }
```

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

```
.background{ background-color:#4A82BD }
```

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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