

Converting Colors

Hex(2A7CB4)

Have a look what the booklet for
Hex(2A7CB4) contains.

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Color

Hex(2A7CB4)

Conversions

Conversions Part 1

Format	Color
Hex	2A7CB4
RGB	42, 124, 180
RGB Percent	16%, 49%, 71%
CMY	0.8353, 0.5137, 0.2941
CMYK	0.77, 0.31, 0.00, 0.29
HSL	204°, 62%, 44%
HSV	204°, 77%, 71%
XYZ	16.4007, 18.2028, 45.8291
YIQ	105.8660, -66.8480, 0.0320

Conversions

Conversions Part 2

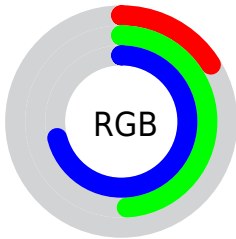
Format	Color
RYB	42, 93, 180
Decimal	2784436
CIELab	49.74, -5.00, -36.54
CIELCh	50, 36.879, 262.201
Yxy	18.2028, 0.2039, 0.2263
Android (android.graphics.Color)	4280974516 (0xFF2A7CB4)
YUV	105.8660, 36.5481, -56.0105
Hunter-Lab	42.6648, -6.0464, -33.8220

Details

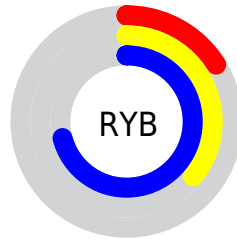
The Hex color **2A7CB4** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B4622A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6BB0EC**, and **004C7F** is the 20% darker color. If you saturate the color by 10%, you get **1875B4**, and if you desaturate by 10%, it is **3C83B4**.

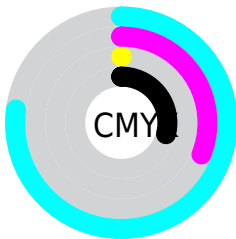
Distribution



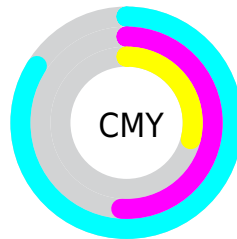
- Red (16%)
- Green (49%)
- Blue (71%)



- Red (16%)
- Yellow (36%)
- Blue (71%)



- Cyan (77%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A7CB4 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 2A7CB4 by changing the saturation by 10% instead.

 2A7CB4

 2A7CB4

FFFFFF

 006399

 6BB0EC

 004C7F

 89CCFF

 003566

 A6E8FF

 00204D

 C3FFFF

 000536

 E1FFFF

 000220

 000004

 000000

 2A7CB4

 2A7CB4

■ 1875B4

■ 3C83B4

■ 066DB4

■ 4E8BB4

■ 006BB4

■ 6092B4

■ 7299B4

■ 84A1B4

■ 96A8B4

■ A8AFB4

■ BAB6B4

■ CCBE4

Harmonies

Analogous

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



0083A7



2A7CB4



6C71B0

Triad

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



2A7CB4



B15E60



4D824F

Complementary

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



2A7CB4



B4622A

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.



727C3A



2A7CB4



A76646

Square

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



2A7CB4



AC5D80



907237



0E866D

Rectangle

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



2A7CB4



8A69A5



907237



5A8046

Sweetspot

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



2A7CB4



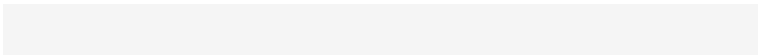
B5D5EB



2AB461



546875



F5F5F5



757575

Same Dimension

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



2A7CB4



1393EB



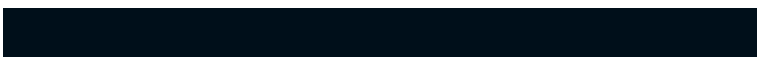
2A38B4



505659



005B99



000F1A

Inverse Universe

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



B42A7C



EB1393



B4A62A



595056



99005B



1A000F

Previews

White Background



This preview shows how the Hex color 2A7CB4 looks on a white background.

Color Contrast Check

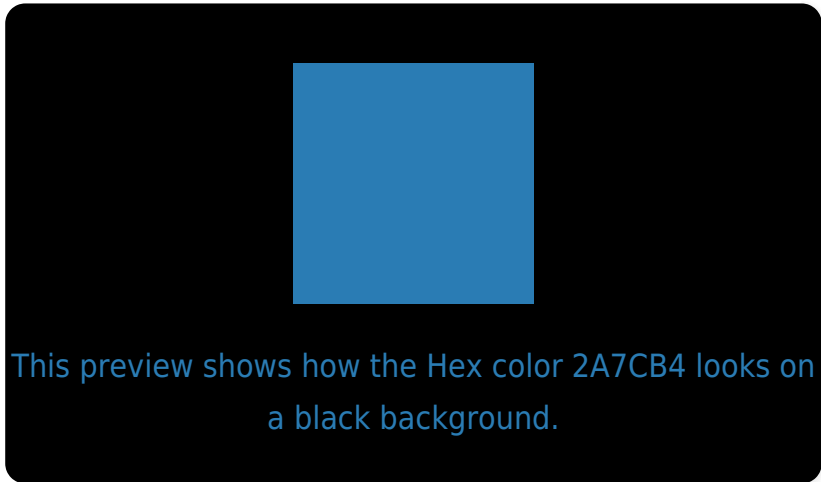
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 2A7CB4 Background



This preview shows how black text looks on a background with the Hex color 2A7CB4.

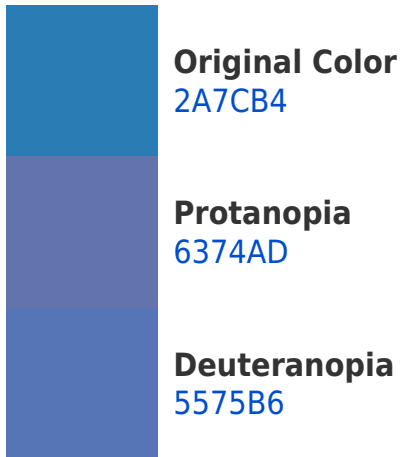


This preview shows how white text looks on a background with the Hex color 2A7CB4.

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](#).

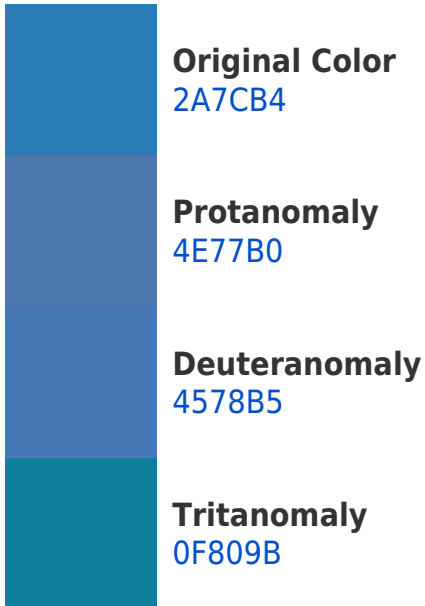
Dichromacy



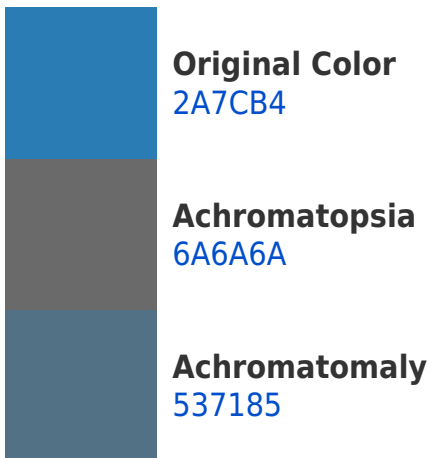


Tritanopia
00838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7CB4 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 #2A7CB4 looks like.

```
.text, #text, p{  
    color:#2A7CB4  
}
```

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 #2A7CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7CB4
}
```

Border

The CSS property to change the border of an element to Hex 2A7CB4 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
#2A7CB4 }
```

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

```
.border{ border-color:#2A7CB4 }
```

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

Here you see how a box with a 4 pixel #2A7CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7CB4; -webkit-box-shadow:4px 4px  
4px 4px #2A7CB4; box-shadow:4px 4px 4px  
4px #2A7CB4 }
```

Background

The CSS property to change the background color of an element to Hex 2A7CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7CB4 }
```

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

```
.background{ background-color:#2A7CB4 }
```

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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