

Converting Colors

Hex(2A9BC7)

Have a look what the booklet for
Hex(2A9BC7) contains.

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Color

Hex(2A9BC7)

Conversions

Conversions Part 1

Format	Color
Hex	2A9BC7
RGB	42, 155, 199
RGB Percent	16%, 61%, 78%
CMY	0.8353, 0.3922, 0.2196
CMYK	0.79, 0.22, 0.00, 0.22
HSL	197°, 65%, 47%
HSV	197°, 79%, 78%
XYZ	22.9850, 28.0585, 58.2372
YIQ	126.2290, -81.4720, -10.2720

Conversions

Conversions Part 2

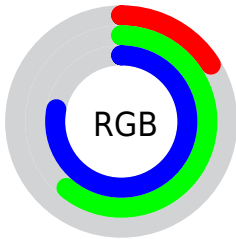
Format	Color
RYB	42, 108, 199
Decimal	2792391
CIELab	59.94, -15.82, -31.41
CIELCh	60, 35.174, 243.264
Yxy	28.0585, 0.2103, 0.2568
Android (android.graphics.Color)	4280982471 (0xFF2A9BC7)
YUV	126.2290, 35.8761, -73.8688
Hunter-Lab	52.9702, -15.2427, -28.1062

Details

The Hex color **2A9BC7** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **C7562A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **70D1FF**, and **006891** is the 20% darker color. If you saturate the color by 10%, you get **1695C7**, and if you desaturate by 10%, it is **3EA1C7**.

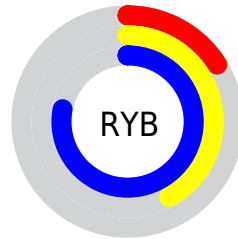
Distribution



Red (16%)

Green (61%)

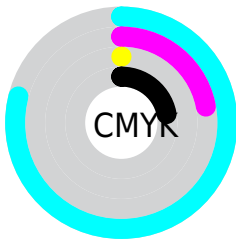
Blue (78%)



Red (16%)

Yellow (42%)

Blue (78%)

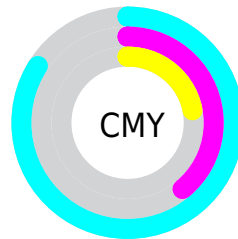


Cyan (79%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (84%)

Magenta (39%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A9BC7 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 2A9BC7 by changing the saturation by 10% instead.


 2A9BC7

 2A9BC7

FFFFFF

 0081AC

 70D1FF

 006891

 8FEFFF

 005077

 ADFFFF

 00395E

 CBFFFF

 002346

 E9FFFF

 000430

 00011A

 000000

 2A9BC7

 2A9BC7

■ 1695C7

■ 3EA1C7

■ 0290C7

■ 52A6C7

■ 008FC7

■ 66ACC7

■ 7AB1C7

■ 8EB7C7

■ A1BCC7

■ B5C2C7

■ C9C8C7

■ DDCDC7

Harmonies

Analogous

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



00A0B1



2A9BC7



6892CE

Triad

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



2A9BC7



CB788E



81995B

Complementary

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



2A9BC7



C7562A

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.



A19052



2A9BC7



CA7B70

Square

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



2A9BC7



BA7DAD



BB855A



5B9E74

Rectangle

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



2A9BC7



8A8BC9



BB855A



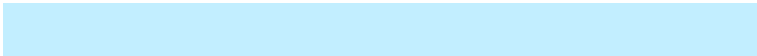
8C9656

Sweetspot

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



2A9BC7



C2EEFF



2AC754



5B7580



000000



808080

Same Dimension

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



2A9BC7



0DBBF7



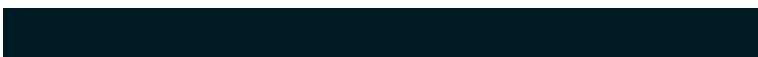
2A4FC7



5A6163



0075A3



001A24

Inverse Universe

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



C72A9B



FF0DBB



C7A22A



635A61



A30075



24001A

Previews

White Background



This preview shows how the Hex color 2A9BC7 looks on a white background.

Color Contrast Check

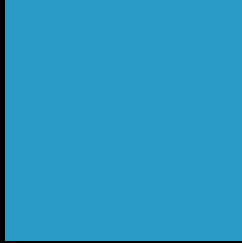
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A9BC7 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 2A9BC7 Background



This preview shows how black text looks on a background with the Hex color 2A9BC7.

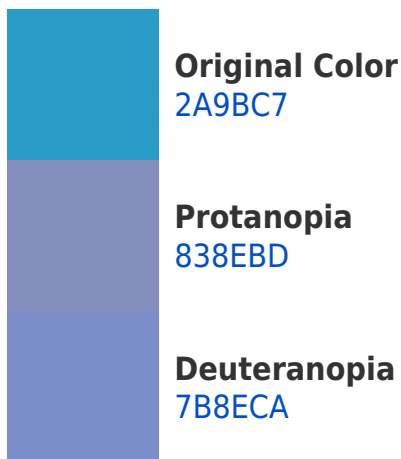


This preview shows how white text looks on a background with the Hex color 2A9BC7.

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](#).

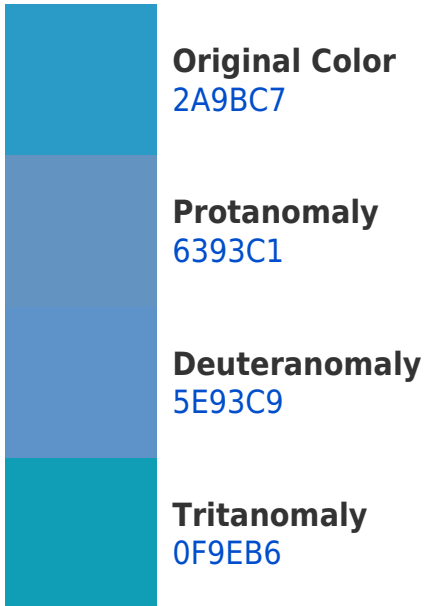
Dichromacy





Tritanopia
00A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A9BC7 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 #2A9BC7 looks like.

```
.text, #text, p{  
    color:#2A9BC7  
}
```

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 #2A9BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A9BC7
}
```

Border

The CSS property to change the border of an element to Hex 2A9BC7 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
#2A9BC7 }
```

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

```
.border{ border-color:#2A9BC7 }
```

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

Here you see how a box with a 4 pixel #2A9BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A9BC7; -webkit-box-shadow:4px 4px  
4px 4px #2A9BC7; box-shadow:4px 4px 4px  
4px #2A9BC7 }
```

Background

The CSS property to change the background color of an element to Hex 2A9BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A9BC7 }
```

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

```
.background{ background-color:#2A9BC7 }
```

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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