

Converting Colors

Hex(2A8CAD)

Have a look what the booklet for
Hex(2A8CAD) contains.

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Color

Hex(2A8CAD)

Conversions

Conversions Part 1

Format	Color
Hex	2A8CAD
RGB	42, 140, 173
RGB Percent	16%, 55%, 68%
CMY	0.8353, 0.4510, 0.3216
CMYK	0.76, 0.19, 0.00, 0.32
HSL	195°, 61%, 42%
HSV	195°, 76%, 68%
XYZ	17.8758, 22.2655, 42.8907
YIQ	114.4600, -69.0010, -10.5130

Conversions

Conversions Part 2

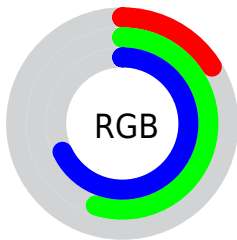
Format	Color
R_{YB}	42, 98, 173
Decimal	2788525
CIE _{Lab}	54.31, -16.58, -25.39
CIE _{LCh}	54, 30.324, 236.855
Yxy	22.2655, 0.2153, 0.2682
Android (android.graphics.Color)	4280978605 (0xFF2A8CAD)
YUV	114.4600, 28.8602, -63.5474
Hunter-Lab	47.1864, -14.9545, -20.8620

Details

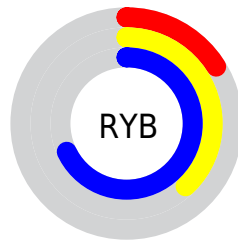
The Hex color **2A8CAD** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AD4B2A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6BC2E5**, and **005A79** is the 20% darker color. If you saturate the color by 10%, you get **1988AD**, and if you desaturate by 10%, it is **3B90AD**.

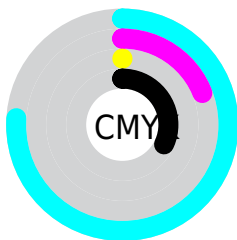
Distribution



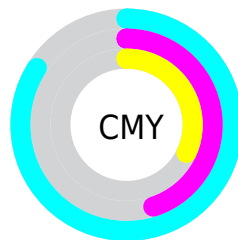
- Red (16%)
- Green (55%)
- Blue (68%)



- Red (16%)
- Yellow (38%)
- Blue (68%)



- Cyan (76%)
- Magenta (19%)
- Yellow (0%)
- Black (32%)



- Cyan (84%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8CAD 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 2A8CAD by changing the saturation by 10% instead.

 2A8CAD

 2A8CAD

FFFFFF

 007292

 6BC2E5

 005A79

 88DEFF

 004260

 A6FAFF

 002C48

 C3FFFF

 001931

 E1FFFF

 00011C

 000000

 2A8CAD

 2A8CAD

 1988AD

 3B90AD

0783AD

4D95AD

0081AD

5E99AD

6F9DAD

81A2AD

92A6AD

A3ABAD

B4AFAD

C6B3AD

Harmonies

Analogous

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



188F99



2A8CAD



5785B6

Triad

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



2A8CAD



B26E86



7B8752

Complementary

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



2A8CAD



AD4B2A

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.



967F4D



2A8CAD



B56F6C

Square

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



2A8CAD



A0739F



AA7657



5C8D64

Rectangle

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



2A8CAD



747FB4



AA7657



84854F

Sweetspot

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



2A8CAD



ADD3E0



2AAD4B



516870



F0F0F0



707070

Same Dimension

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



2A8CAD



14ADE0



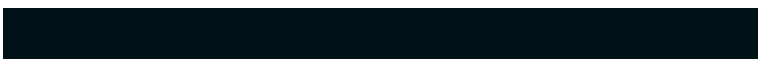
2A4BAD



4E5557



007196



001117

Inverse Universe

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



AD2A8C



E014AD



AD8C2A



574E55



960071



170011

Previews

White Background



This preview shows how the Hex color 2A8CAD looks on a white background.

Color Contrast Check

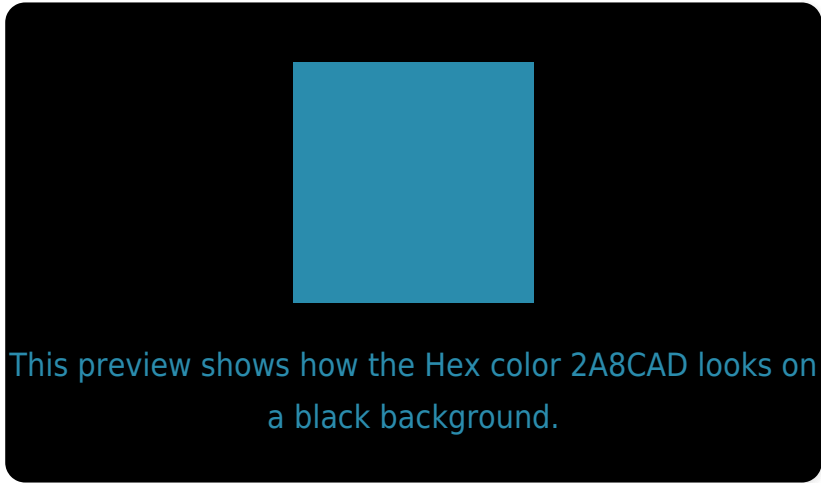
Large Text (above 18pt) WCAG AA ✓ Pass

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

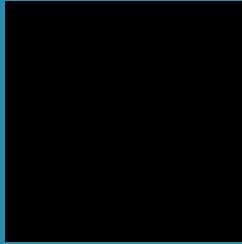
Any Text WCAG AA ✓ Pass

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 2A8CAD Background



This preview shows how black text looks on a background with the Hex color 2A8CAD.

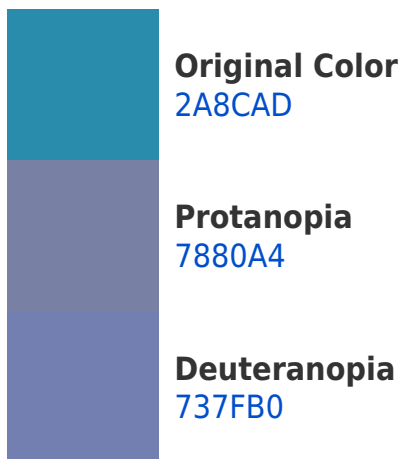


This preview shows how white text looks on a background with the Hex color 2A8CAD.

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](#).

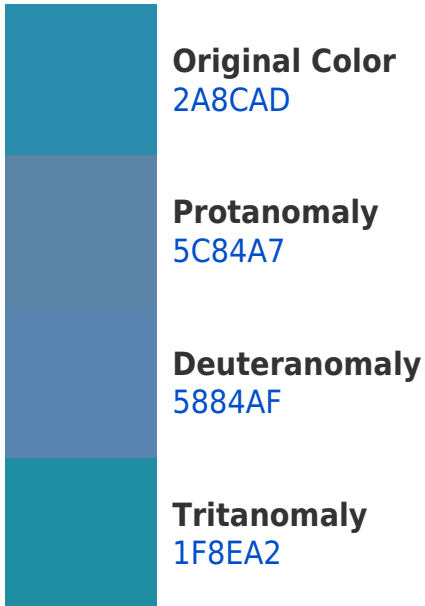
Dichromacy



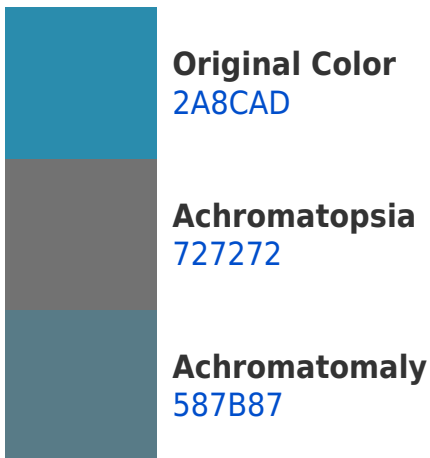


Tritanopia
188F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8CAD 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 #2A8CAD looks like.

```
.text, #text, p{  
    color:#2A8CAD  
}
```

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 #2A8CAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8CAD
}
```

Border

The CSS property to change the border of an element to Hex 2A8CAD 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
#2A8CAD }
```

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

```
.border{ border-color:#2A8CAD }
```

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

Here you see how a box with a 4 pixel #2A8CAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8CAD; -webkit-box-shadow:4px 4px  
4px 4px #2A8CAD; box-shadow:4px 4px 4px  
4px #2A8CAD }
```

Background

The CSS property to change the background color of an element to Hex 2A8CAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8CAD }
```

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

```
.background{ background-color:#2A8CAD }
```

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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