

Converting Colors

Hex(2A8CA0)

Have a look what the booklet for
Hex(2A8CA0) contains.

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Color

Hex(2A8CA0)

Conversions

Conversions Part 1

Format	Color
Hex	2A8CA0
RGB	42, 140, 160
RGB Percent	16%, 55%, 63%
CMY	0.8353, 0.4510, 0.3725
CMYK	0.74, 0.12, 0.00, 0.37
HSL	190°, 58%, 40%
HSV	190°, 74%, 63%
XYZ	16.6781, 21.7865, 36.5839
YIQ	112.9780, -64.8280, -14.5560

Conversions

Conversions Part 2

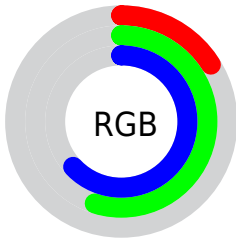
Format	Color
R_{YB}	42, 96, 160
Decimal	2788512
CIE _{Lab}	53.80, -20.94, -18.70
CIE _{LCh}	54, 28.070, 221.763
Yxy	21.7865, 0.2222, 0.2903
Android (android.graphics.Color)	4280978592 (0xFF2A8CA0)
YUV	112.9780, 23.1818, -62.2477
Hunter-Lab	46.6760, -17.9020, -13.7974

Details

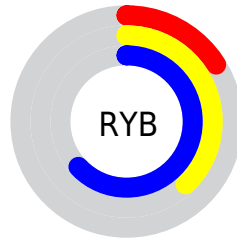
The Hex color **2A8CA0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A03E2A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **69C2D7**, and **005A6C** is the 20% darker color. If you saturate the color by 10%, you get **1A89A0**, and if you desaturate by 10%, it is **3A8FA0**.

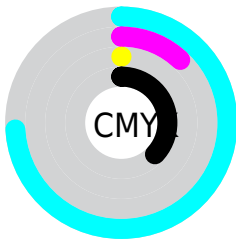
Distribution



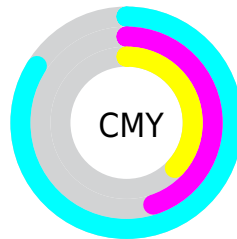
- Red (16%)
- Green (55%)
- Blue (63%)



- Red (16%)
- Yellow (38%)
- Blue (63%)



- Cyan (74%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



- Cyan (84%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8CA0 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 2A8CA0 by changing the saturation by 10% instead.

■ 2A8CA0

■ 2A8CA0

FFFFFF

■ 007286

■ 69C2D7

■ 005A6C

■ 86DEF3

■ 004254

■ A3FAFF

■ 002B3D

■ C0FFFF

■ 001727

■ DEFFFF

■ 000112

■ FBFFFF

■ 000000

■ 2A8CA0

■ 2A8CA0

■ 1A89A0

■ 3A8FA0

0A87A0

4A91A0

0085A0

5A94A0

6A97A0

7A9AA0

8A9CA0

9A9FA0

AAA2A0

BAA4A0

Harmonies

Analogous

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



338E8A



2A8CA0



4787AE

Triad

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



2A8CA0



A77090



878251

Complementary

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



2A8CA0



A03E2A

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.



9E7A53



2A8CA0



B06E78

Square

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



2A8CA0



9077A5



AC7261



6D895C

Rectangle

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



2A8CA0



6182B1



AC7261



908050

Sweetspot

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



2A8CA0



A3C9D1



2AA03E



4D6469



E8E8E8



696969

Same Dimension

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



2A8CA0



17B2D1



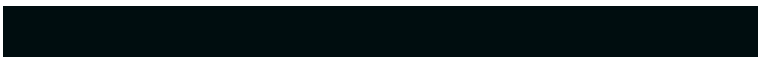
2A51A0



474E4F



00778F



000D0F

Inverse Universe

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



A02A8C



D117B2



A0792A



4F474E



8F0077



0F000D

Previews

White Background



This preview shows how the Hex color 2A8CA0 looks on a white background.

Color Contrast Check

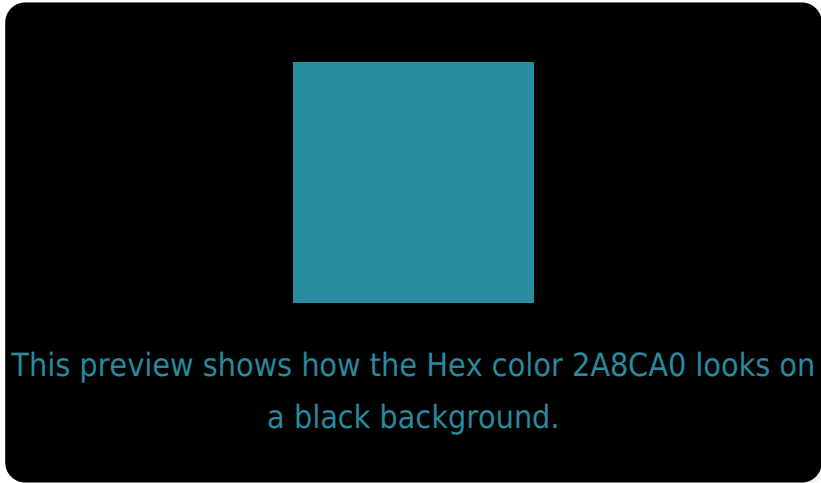
Large Text (above 18pt) WCAG AA ✓ Pass

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

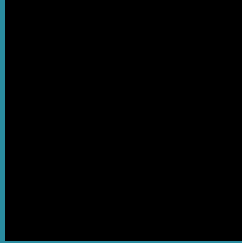
Any Text WCAG AA ✓ Pass

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 2A8CA0 Background



This preview shows how black text looks on a background with the Hex color 2A8CA0.

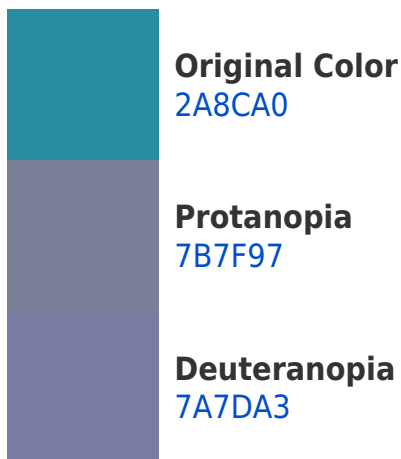


This preview shows how white text looks on a background with the Hex color 2A8CA0.

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](#).

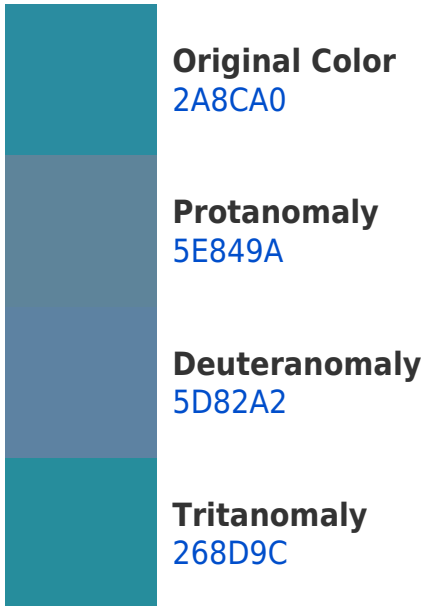
Dichromacy



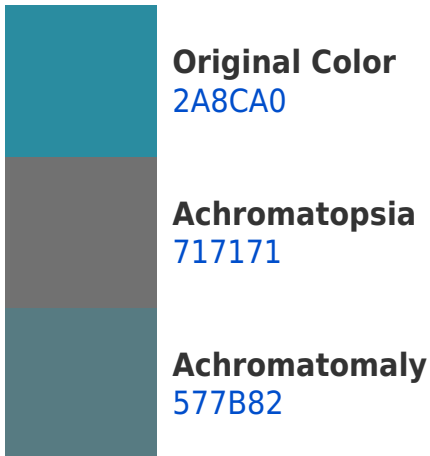


Tritanopia
248D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8CA0 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 #2A8CA0 looks like.

```
.text, #text, p{  
    color:#2A8CA0  
}
```

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 #2A8CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8CA0
}
```

Border

The CSS property to change the border of an element to Hex 2A8CA0 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
#2A8CA0 }
```

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

```
.border{ border-color:#2A8CA0 }
```

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

Here you see how a box with a 4 pixel #2A8CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8CA0; -webkit-box-shadow:4px 4px  
4px 4px #2A8CA0; box-shadow:4px 4px 4px  
4px #2A8CA0 }
```

Background

The CSS property to change the background color of an element to Hex 2A8CA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8CA0 }
```

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

```
.background{ background-color:#2A8CA0 }
```

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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