

# Converting Colors

Hex(2A909A)

Have a look what the booklet for  
Hex(2A909A) contains.

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**Color**

**Hex(2A909A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A909A
RGB	42, 144, 154
RGB Percent	16%, 56%, 60%
CMY	0.8353, 0.4353, 0.3961
CMYK	0.73, 0.06, 0.00, 0.40
HSL	185°, 57%, 38%
HSV	185°, 73%, 60%
XYZ	16.7608, 22.7719, 34.0839
YIQ	114.6420, -64.0020, -18.5140

# Conversions

## Conversions Part 2

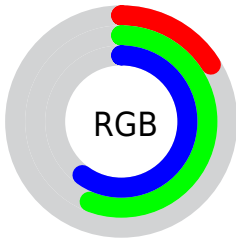
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 95, 154
Decimal	2789530
CIELab	54.84, -24.94, -13.67
CIELCh	55, 28.443, 208.716
Yxy	22.7719, 0.2277, 0.3093
Android (android.graphics.Color)	4280979610 (0xFF2A909A)
YUV	114.6420, 19.4035, -63.7070
Hunter-Lab	47.7199, -20.8145, -8.9439

# Details

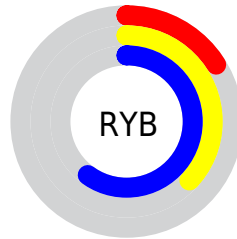
The Hex color **2A909A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A342A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **69C6D0**, and **005D67** is the 20% darker color. If you saturate the color by 10%, you get **1B8F9A**, and if you desaturate by 10%, it is **39919A**.

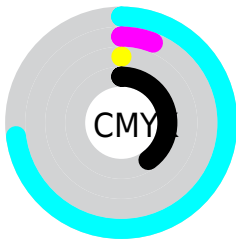
# Distribution



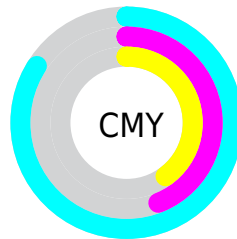
- Red (16%)
- Green (56%)
- Blue (60%)



- Red (16%)
- Yellow (37%)
- Blue (60%)



- Cyan (73%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (44%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A909A 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 2A909A by changing the saturation by 10% instead.



 2A909A

 2A909A

FFFFFF

 007680

 69C6D0

 005D67

 86E2ED

 00454F

 A3FFFF

 002E38

 C0FFFF

 001B23

 DDFFFF

 00000C

 FBFFFF

 000000

 2A909A

 2A909A

 1B8F9A

 39919A

■ 0B8D9A

■ 49939A

■ 008C9A

■ 58949A

■ 68959A

■ 77979A

■ 86989A

■ 969A9A

■ A59B9A

■ B59C9A

# Harmonies

## Analogous

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



409081



2A909A



398CAD

# Triad

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



2A909A



A1759D



958152

# Complementary

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



2A909A



9A342A

# 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.



A9795A



2A909A



B17185

# Square

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



2A909A



857DAE



B3726D



7B8957

# Rectangle

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



2A909A



5288B3



B3726D



9C7F53



# Sweetspot

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



2A909A



9DC5C9



2A9A33



4B6466



E6E6E6



666666



# Same Dimension

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



2A909A



1ABAC9



2A599A



454C4D



00808C



000C0D



# Inverse Universe

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



9A2A90



C91ABA



9A6B2A



4D454C



8C0080

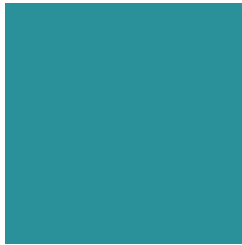


0D000C



# Previews

## White Background



This preview shows how the Hex color 2A909A looks on a white background.

## Color Contrast Check

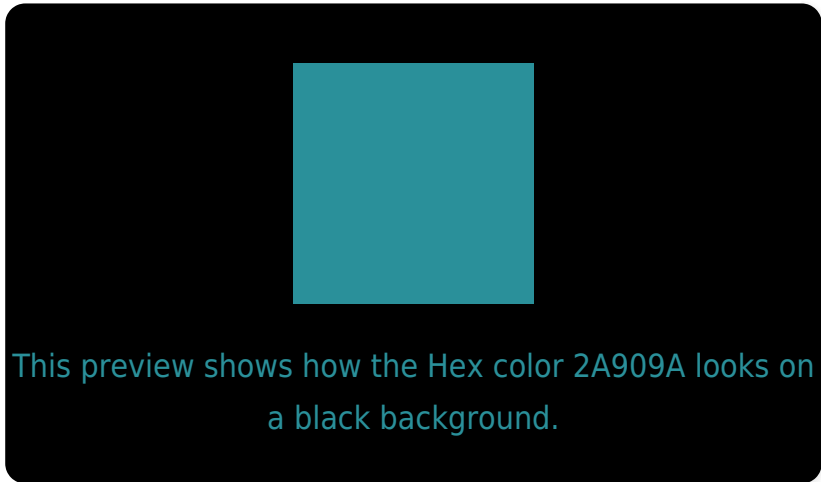
Large Text (above 18pt) WCAG AA ✓ Pass

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

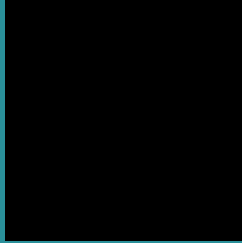
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A909A Background



This preview shows how black text looks on a background with the Hex color 2A909A.

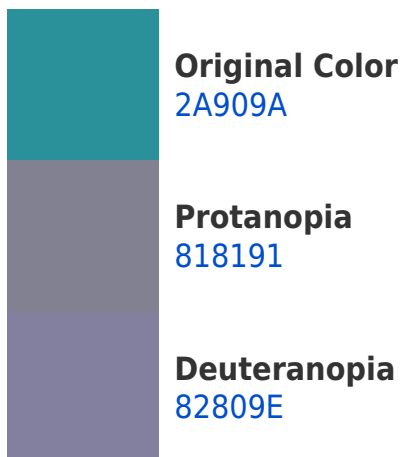


This preview shows how white text looks on a background with the Hex color 2A909A.

# 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



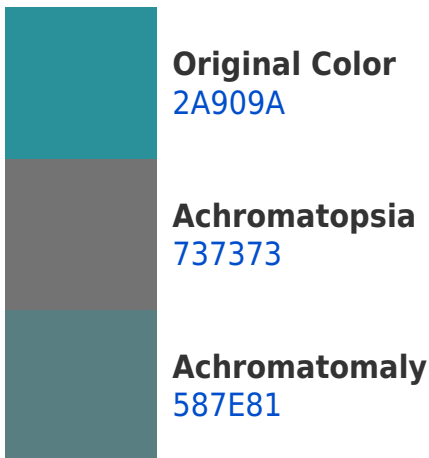


**Tritanopia**  
2B909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A909A 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 #2A909A looks like.

```
.text, #text, p{  
  color:#2A909A  
}
```

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 #2A909A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A909A
}
```

## Border

The CSS property to change the border of an element to Hex 2A909A 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
#2A909A }
```

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

```
.border{ border-color:#2A909A }
```

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

Here you see how a box with a 4 pixel #2A909A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A909A; -webkit-box-shadow:4px 4px  
4px 4px #2A909A; box-shadow:4px 4px 4px  
4px #2A909A }
```

# Background

The CSS property to change the background color of an element to Hex 2A909A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A909A }
```

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

```
.background{ background-color:#2A909A }
```

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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