

Converting Colors

Hex(2A9EA3)

Have a look what the booklet for
Hex(2A9EA3) contains.

Hex(2A9EA3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A9EA3)

Conversions

Conversions Part 1

Format	Color
Hex	2A9EA3
RGB	42, 158, 163
RGB Percent	16%, 62%, 64%
CMY	0.8353, 0.3804, 0.3608
CMYK	0.74, 0.03, 0.00, 0.36
HSL	182°, 59%, 40%
HSV	182°, 74%, 64%
XYZ	19.7926, 27.5903, 38.9326
YIQ	123.8860, -70.7410, -23.0370

Conversions

Conversions Part 2

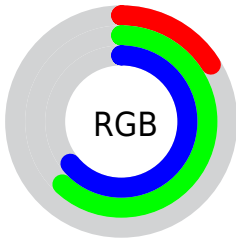
Format	Color
R_{YB}	42, 101, 163
Decimal	2793123
CIE _{Lab}	59.52, -29.14, -11.75
CIE _{LCh}	60, 31.421, 201.965
Yxy	27.5903, 0.2293, 0.3196
Android (android.graphics.Color)	4280983203 (0xFF2A9EA3)
YUV	123.8860, 19.2832, -71.8140
Hunter-Lab	52.5265, -24.6605, -7.1772

Details

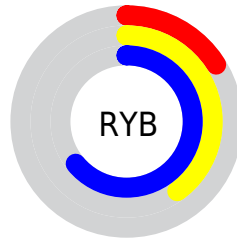
The Hex color **2A9EA3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A32F2A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6CD5DA**, and **006A6F** is the 20% darker color. If you saturate the color by 10%, you get **1A9DA3**, and if you desaturate by 10%, it is **3A9FA3**.

Distribution



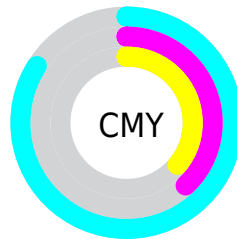
- Red (16%)
- Green (62%)
- Blue (64%)



- Red (16%)
- Yellow (40%)
- Blue (64%)



- Cyan (74%)
- Magenta (3%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A9EA3 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 2A9EA3 by changing the saturation by 10% instead.



2A9EA3



2A9EA3

FFFFFF



008489



6CD5DA



006A6F



89F2F6



005157



A6FFFF



003A40



C4FFFF



00252A



E2FFFF



000116



000000



2A9EA3



2A9EA3



1A9DA3



3A9FA3

099DA3

4B9FA3

009CA3

5BA0A3

6BA1A3

7BA1A3

8CA2A3

9CA3A3

ACA3A3

BDA4A3

Harmonies

Analogous

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



4B9E87



2A9EA3



319BBA

Triad

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



2A9EA3



AB81B2



A98B59

Complementary

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



2A9EA3



A32F2A

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.



BD8265



2A9EA3



C07B98

Square

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



2A9EA3



888BC2



C67B7C



8D945B

Rectangle

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



2A9EA3



4D97C3



C67B7C



B0885B

Sweetspot

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



2A9EA3



A5D2D4



2AA32E



4F6A6B



EBEBEB



6B6B6B

Same Dimension

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



2A9EA3



17CCD4



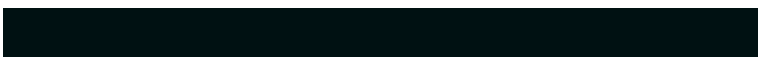
2A62A3



495152



008B91



001112

Inverse Universe

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



A32A9E



D417CC



A36B2A



524951



91008B



120011

Previews

White Background



This preview shows how the Hex color 2A9EA3 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 2A9EA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

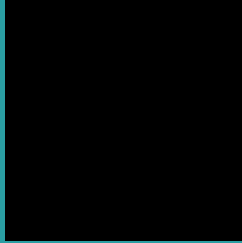
Any Text WCAG AA ✓ Pass

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 2A9EA3 Background



This preview shows how black text looks on a background with the Hex color 2A9EA3.

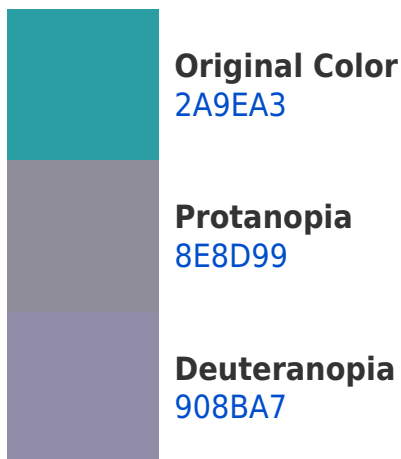


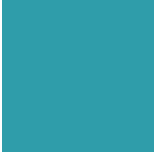
This preview shows how white text looks on a background with the Hex color 2A9EA3.

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
2F9DAA

Trichromacy



Original Color
2A9EA3



Protanomaly
6A939D



Deuteranomaly
6B92A6



Tritanomaly
2D9DA7

Monochromacy



Original Color
2A9EA3



Achromatopsia
7C7C7C



Achromatomaly
5E888A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A9EA3 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 #2A9EA3 looks like.

```
.text, #text, p{  
    color:#2A9EA3  
}
```

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 #2A9EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A9EA3
}
```

Border

The CSS property to change the border of an element to Hex 2A9EA3 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
#2A9EA3 }
```

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

```
.border{ border-color:#2A9EA3 }
```

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

Here you see how a box with a 4 pixel #2A9EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A9EA3; -webkit-box-shadow:4px 4px  
4px 4px #2A9EA3; box-shadow:4px 4px 4px  
4px #2A9EA3 }
```

Background

The CSS property to change the background color of an element to Hex 2A9EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A9EA3 }
```

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

```
.background{ background-color:#2A9EA3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor