

Converting Colors

Hex(2DA59B)

Have a look what the booklet for
Hex(2DA59B) contains.

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Color

Hex(2DA59B)

Conversions

Conversions Part 1

Format	Color
Hex	2DA59B
RGB	45, 165, 155
RGB Percent	18%, 65%, 61%
CMY	0.8235, 0.3529, 0.3922
CMYK	0.73, 0.00, 0.06, 0.35
HSL	175°, 57%, 41%
HSV	175°, 73%, 65%
XYZ	20.4537, 29.8347, 35.6910
YIQ	127.9800, -68.3100, -28.5500

Conversions

Conversions Part 2

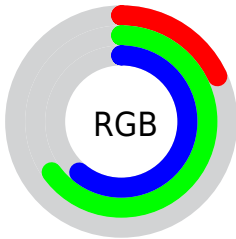
Format	Color
RYB	45, 108, 165
Decimal	2991515
CIELab	61.51, -34.47, -4.26
CIElCh	62, 34.736, 187.043
Yxy	29.8347, 0.2379, 0.3470
Android (android.graphics.Color)	4281181595 (0xFF2DA59B)
YUV	127.9800, 13.3209, -72.7735
Hunter-Lab	54.6212, -28.7450, -0.5069

Details

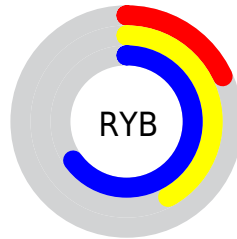
The Hex color **2DA59B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A52D37**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6EDDD1**, and **007068** is the 20% darker color. If you saturate the color by 10%, you get **1DA59A**, and if you desaturate by 10%, it is **3EA59C**.

Distribution



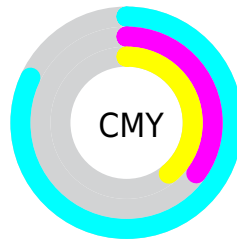
- Red (18%)
- Green (65%)
- Blue (61%)



- Red (18%)
- Yellow (42%)
- Blue (65%)



- Cyan (73%)
- Magenta (0%)
- Yellow (6%)
- Black (35%)



- Cyan (82%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DA59B 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 2DA59B by changing the saturation by 10% instead.

 2DA59B

 2DA59B


FFFFFF

 008A81

 6EDDD1

 007068

 8BF9EE

 005750

 A8FFFF

 003F39

 C6FFFF

 002924

 E4FFFF

 000B0F

 000000

 2DA59B

 2DA59B

 1DA59A

 3EA59C

0CA598

4EA59E

00A597

5EA59F

6FA5A0

80A5A2

90A5A3

A1A5A5

B1A5A6

C2A5A7

Harmonies

Analogous

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



5AA37C



2DA59B



00A3B9

Triad

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



2DA59B



A28AC6



BC8A5C

Complementary

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



2DA59B



A52D37

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.



CD8171



2DA59B



C180AD

Square

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



2DA59B



7495D1



D07C8E



A29557

Rectangle

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



2DA59B



27A0C7



D07C8E



C38762

Sweetspot

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



2DA59B



A7D6D2



37A52D



4F6B69



EBEBEB



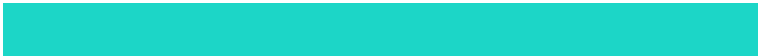
6B6B6B

Same Dimension

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



2DA59B



1CD6C7



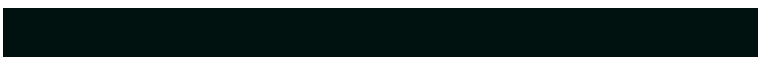
2D73A5



495251



009185



001210

Inverse Universe

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



A52D37



D61C2B



A55F2D



52494A



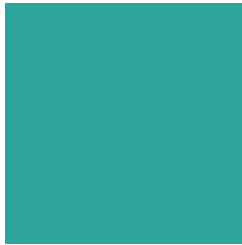
91000C



120001

Previews

White Background



This preview shows how the Hex color 2DA59B 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 2DA59B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

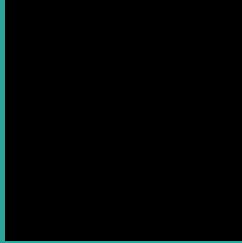
Any Text WCAG AA ✓ Pass

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 2DA59B Background



This preview shows how black text looks on a background with the Hex color 2DA59B.

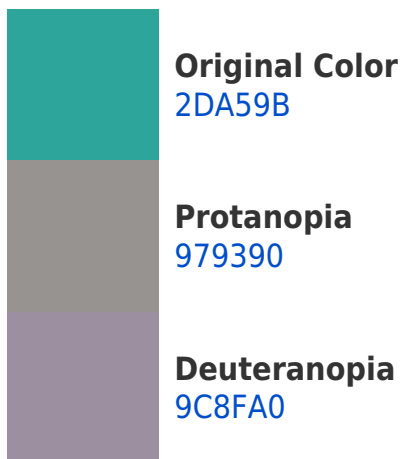


This preview shows how white text looks on a background with the Hex color 2DA59B.

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
39A2AF

Trichromacy



Original Color
2DA59B



Protanomaly
709A94



Deuteranomaly
74979E



Tritanomaly
35A3A8

Monochromacy



Original Color
2DA59B



Achromatopsia
808080



Achromatomaly
628D8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DA59B 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 #2DA59B looks like.

```
.text, #text, p{  
    color:#2DA59B  
}
```

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 #2DA59B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA59B
}
```

Border

The CSS property to change the border of an element to Hex 2DA59B 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
#2DA59B }
```

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

```
.border{ border-color:#2DA59B }
```

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

Here you see how a box with a 4 pixel #2DA59B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA59B; -webkit-box-shadow:4px 4px  
4px 4px #2DA59B; box-shadow:4px 4px 4px  
4px #2DA59B }
```

Background

The CSS property to change the background color of an element to Hex 2DA59B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA59B }
```

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

```
.background{ background-color:#2DA59B }
```

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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