

Converting Colors

Hex(3DA59B)

Have a look what the booklet for
Hex(3DA59B) contains.

Hex(3DA59B)	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(3DA59B)

Conversions

Conversions Part 1

Format	Color
Hex	3DA59B
RGB	61, 165, 155
RGB Percent	24%, 65%, 61%
CMY	0.7608, 0.3529, 0.3922
CMYK	0.63, 0.00, 0.06, 0.35
HSL	174°, 46%, 44%
HSV	174°, 63%, 65%
XYZ	21.2960, 30.2689, 35.7304
YIQ	132.7640, -58.7740, -25.1580

Conversions

Conversions Part 2

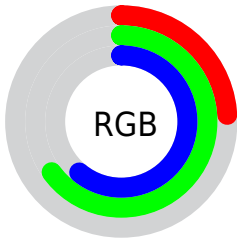
Format	Color
RYB	61, 116, 165
Decimal	4040091
CIELab	61.89, -32.03, -3.66
CIELCh	62, 32.238, 186.528
Yxy	30.2689, 0.2440, 0.3467
Android (android.graphics.Color)	4282230171 (0xFF3DA59B)
YUV	132.7640, 10.9623, -62.9370
Hunter-Lab	55.0172, -27.1865, 0.0067

Details

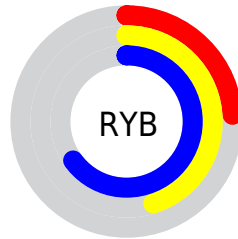
The Hex color **3DA59B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A53D47**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **78DDD1**, and **007068** is the 20% darker color. If you saturate the color by 10%, you get **2CA599**, and if you desaturate by 10%, it is **4EA59D**.

Distribution



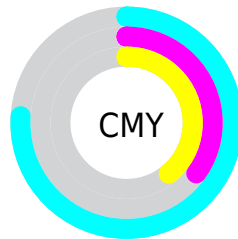
- Red (24%)
- Green (65%)
- Blue (61%)



- Red (24%)
- Yellow (45%)
- Blue (65%)



- Cyan (63%)
- Magenta (0%)
- Yellow (6%)
- Black (35%)



- Cyan (76%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA59B 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 3DA59B by changing the saturation by 10% instead.

 3DA59B

 3DA59B

FFFFFF

 178A81

 78DDD1

 007068

 95F9EE

 005850

 B2FFFF

 004039

 CFFFFFF

 002924

 EDFFFF

 000D0F

 000000

 3DA59B

 3DA59B

 2CA599

 4EA59D

■ 1CA598

■ 5EA59E

■ 0CA596

■ 6EA5A0

■ 00A595

■ 7FA5A1

■ 90A5A3

■ A0A5A5

■ B1A5A6

■ C1A5A8

■ D2A5A9

Harmonies

Analogous

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



61A37E



3DA59B



29A4B7

Triad

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



3DA59B



A18CC3



BC8C62

Complementary

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



3DA59B



A53D47

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.



CB8375



3DA59B



BF83AD

Square

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



3DA59B



7796CE



CD7F90



A3965C

Rectangle

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



3DA59B



3AA1C4



CD7F90



C28967

Sweetspot

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



3DA59B



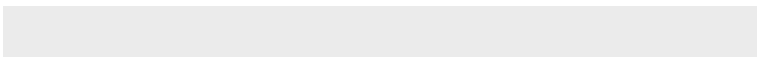
AED6D2



47A53D



526B69



EBEBEB



6B6B6B

Same Dimension

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



3DA59B



33D6C7



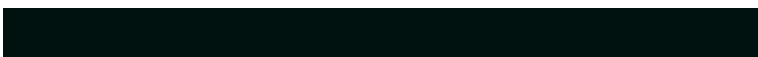
3D7BA5



495251



009183



001210

Inverse Universe

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



A53D47



D63343



A5673D



52494A



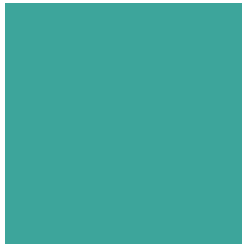
91000E



120002

Previews

White Background



This preview shows how the Hex color 3DA59B looks on a white background.

Color Contrast Check

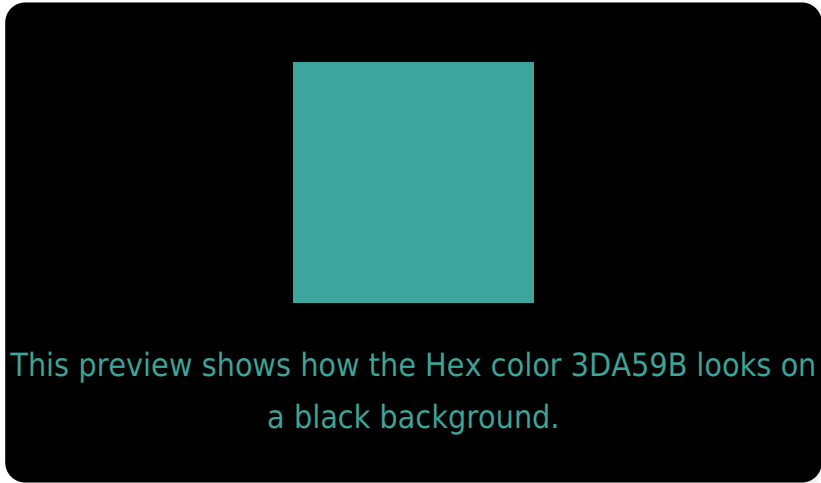
Large Text (above 18pt) WCAG AA × Fail

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

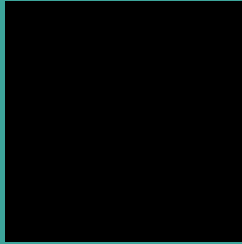
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 3DA59B Background



This preview shows how black text looks on a background with the Hex color 3DA59B.

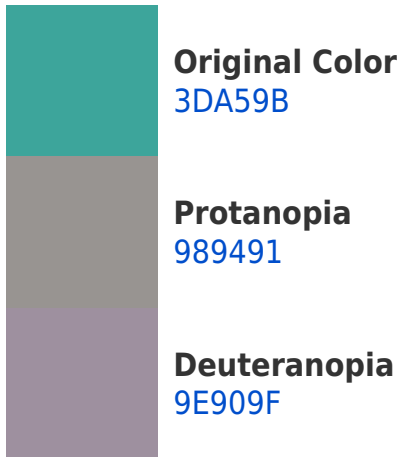


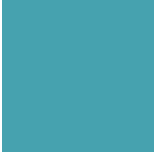
This preview shows how white text looks on a background with the Hex color 3DA59B.

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
46A2AF

Trichromacy



Original Color
3DA59B



Protanomaly
779A95



Deuteranomaly
7B989E



Tritanomaly
43A3A8

Monochromacy



Original Color
3DA59B



Achromatopsia
858585



Achromatomaly
6B918D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA59B 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 #3DA59B looks like.

```
.text, #text, p{  
    color:#3DA59B  
}
```

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 #3DA59B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA59B
}
```

Border

The CSS property to change the border of an element to Hex 3DA59B 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
#3DA59B }
```

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

```
.border{ border-color:#3DA59B }
```

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

Here you see how a box with a 4 pixel #3DA59B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA59B; -webkit-box-shadow:4px 4px  
4px 4px #3DA59B; box-shadow:4px 4px 4px  
4px #3DA59B }
```

Background

The CSS property to change the background color of an element to Hex 3DA59B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA59B }
```

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

```
.background{ background-color:#3DA59B }
```

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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