

Converting Colors

Hex(00A59C)

Have a look what the booklet for
Hex(00A59C) contains.

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Color

Hex(00A59C)

Conversions

Conversions Part 1

Format	Color
Hex	00A59C
RGB	0, 165, 156
RGB Percent	0%, 65%, 61%
CMY	1.0000, 0.3529, 0.3882
CMYK	1.00, 0.00, 0.05, 0.35
HSL	177°, 100%, 32%
HSV	177°, 100%, 65%
XYZ	19.4559, 29.3106, 36.0846
YIQ	114.6390, -95.4510, -37.7790

Conversions

Conversions Part 2

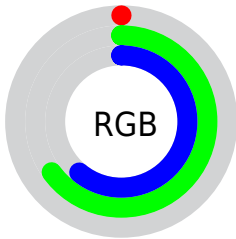
Format	Color
RYB	0, 85, 165
Decimal	42396
CIELab	61.05, -37.46, -5.55
CIELCh	61, 37.868, 188.430
Yxy	29.3106, 0.2293, 0.3454
Android (android.graphics.Color)	4278232476 (0xFF00A59C)
YUV	114.6390, 20.3910, -100.5384
Hunter-Lab	54.1392, -30.5966, -1.6202

Details

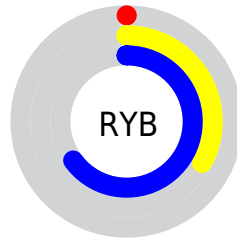
The Hex color **00A59C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A50009**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5DDDD2**, and **007069** is the 20% darker color. If you saturate the color by 10%, you get **00A59C**, and if you desaturate by 10%, it is **10A59D**.

Distribution



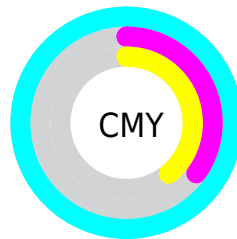
- Red (0%)
- Green (65%)
- Blue (61%)



- Red (0%)
- Yellow (33%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A59C 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 00A59C by changing the saturation by 10% instead.

 00A59C

 00A59C

FFFFFF

 008A82

 5DDDD2

 007069

 7DFAEF

 005751

 9BFFFF

 003F3A

 B9FFFF

 002924

 D7FFFF

 000810

 F5FFFF

 000000

 00A59C

 10A59D

 21A59E

 32A59F

 42A5A0

 52A5A0

 63A5A1

 73A5A2

 84A5A3

 94A5A4

Harmonies

Analogous

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



50A37A



00A59C



00A3BC

Triad

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



00A59C



A387C8



BD8955

Complementary

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



00A59C



A50009

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.



D07E6B



00A59C



C57CAD

Square

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



00A59C



7094D5



D3798B



9F9450

Rectangle

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



00A59C



00A0CC



D3798B



C4855B

Sweetspot

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



00A59C



96D6D3



0BA500



456B69



EBEBEB



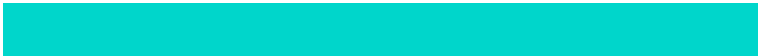
6B6B6B

Same Dimension

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



00A59C



00D6CB



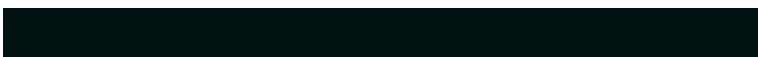
005EA5



495251



009189



001211

Inverse Universe

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



A50009



D6000C



A54800



52494A



910008



120001

Previews

White Background



This preview shows how the Hex color 00A59C 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 00A59C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

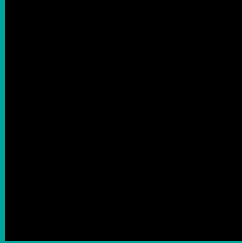
Any Text WCAG AA ✓ Pass

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 00A59C Background



This preview shows how black text looks on a background with the Hex color 00A59C.

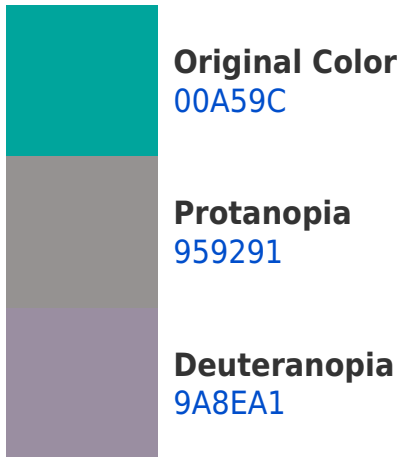


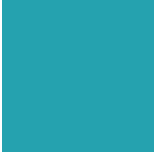
This preview shows how white text looks on a background with the Hex color 00A59C.

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
25A2AF

Trichromacy



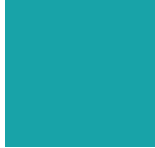
Original Color
00A59C



Protanomaly
5F9995



Deuteranomaly
62969F



Tritanomaly
18A3A8

Monochromacy



Original Color
00A59C



Achromatopsia
737373



Achromatomaly
498582

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A59C 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 #00A59C looks like.

```
.text, #text, p{  
    color:#00A59C  
}
```

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 #00A59C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A59C
}
```

Border

The CSS property to change the border of an element to Hex 00A59C 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
#00A59C }
```

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

```
.border{ border-color:#00A59C }
```

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

Here you see how a box with a 4 pixel #00A59C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A59C; -webkit-box-shadow:4px 4px  
4px 4px #00A59C; box-shadow:4px 4px 4px  
4px #00A59C }
```

Background

The CSS property to change the background color of an element to Hex 00A59C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A59C }
```

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

```
.background{ background-color:#00A59C }
```

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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