

Converting Colors

Hex(15A89C)

Have a look what the booklet for
Hex(15A89C) contains.

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Color

Hex(15A89C)

Conversions

Conversions Part 1

Format	Color
Hex	15A89C
RGB	21, 168, 156
RGB Percent	8%, 66%, 61%
CMY	0.9176, 0.3412, 0.3882
CMYK	0.87, 0.00, 0.07, 0.34
HSL	175°, 78%, 37%
HSV	175°, 87%, 66%
XYZ	20.3126, 30.5650, 36.2815
YIQ	122.6790, -83.7600, -34.8960

Conversions

Conversions Part 2

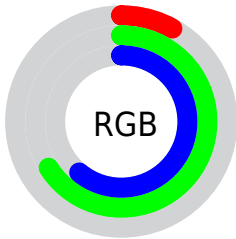
Format	Color
R_{YB}	21, 98, 168
Decimal	1419420
CIE _{Lab}	62.14, -37.87, -3.93
CIE _{LCh}	62, 38.072, 185.931
Yxy	30.5650, 0.2331, 0.3507
Android (android.graphics.Color)	4279609500 (0xFF15A89C)
YUV	122.6790, 16.4273, -89.1725
Hunter-Lab	55.2856, -31.1666, -0.2095

Details

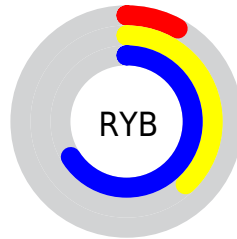
The Hex color **15A89C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A81521**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **63E0D2**, and **007369** is the 20% darker color. If you saturate the color by 10%, you get **04A89B**, and if you desaturate by 10%, it is **26A89D**.

Distribution



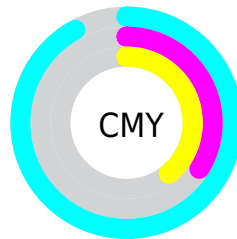
- Red (8%)
- Green (66%)
- Blue (61%)



- Red (8%)
- Yellow (38%)
- Blue (66%)



- Cyan (87%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



- Cyan (92%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15A89C 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 15A89C by changing the saturation by 10% instead.

 15A89C

 15A89C

FFFFFF

 008D82

 63E0D2

 007369

 82FDEF

 005A51

 A0FFFF

 00413A

 BDFFFF

 002B24

 DBFFFF

 000F10

 FAFFFF

 000000

 15A89C

 15A89C

 04A89B

 26A89D

■ 00A89A

■ 37A89F

■ 47A8A0

■ 58A8A1

■ 69A8A3

■ 7AA8A4

■ 8BA8A6

■ 9BA8A7

■ ACA8A8

Harmonies

Analogous

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



57A67A



15A89C



00A7BD

Triad

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



15A89C



A28BCD



C28B59

Complementary

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



15A89C



A81521

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.



D48070



15A89C



C680B2

Square

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



15A89C



6E97D9



D67B91



A59652

Rectangle

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



15A89C



00A3CD



D67B91



CA875F

Sweetspot

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



15A89C



A2DBD7



21A815



4C6E6B



EDEDED



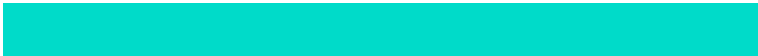
6E6E6E

Same Dimension

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



15A89C



00DBC9



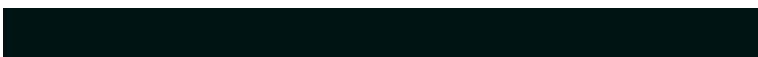
156BA8



4C5453



009488



001413

Inverse Universe

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



A81521



DB0012



A85215



544C4C



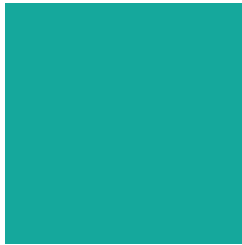
94000C



140002

Previews

White Background



This preview shows how the Hex color 15A89C looks on a white background.

Color Contrast Check

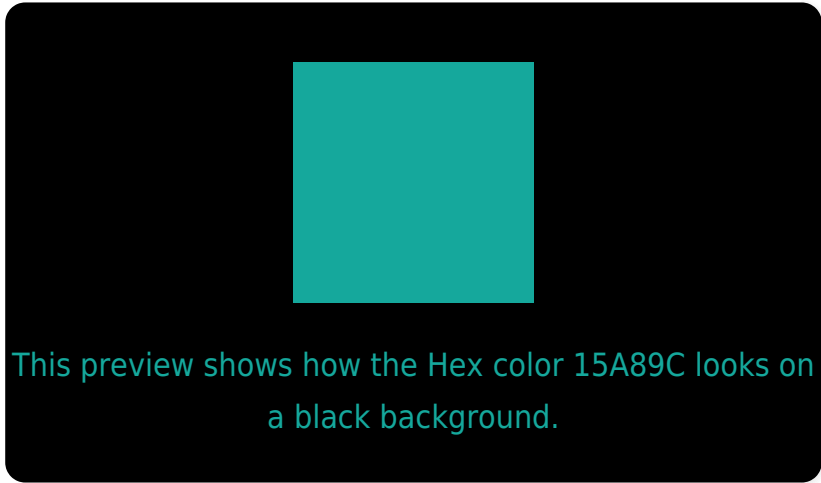
Large Text (above 18pt) WCAG AA × Fail

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

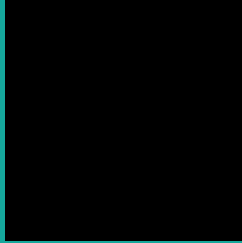
Any Text WCAG AA ✓ Pass

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 15A89C Background



This preview shows how black text looks on a background with the Hex color 15A89C.

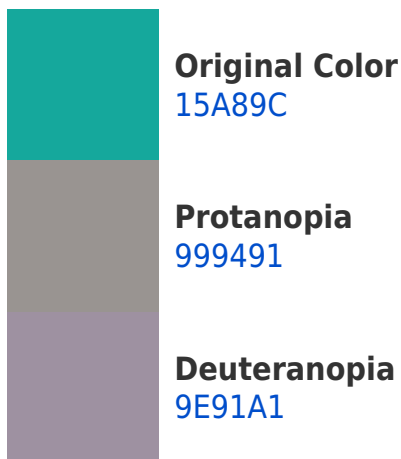


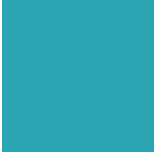
This preview shows how white text looks on a background with the Hex color 15A89C.

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
2CA5B2

Trichromacy



Original Color
15A89C



Protanomaly
699B95



Deuteranomaly
6C999F



Tritanomaly
24A6AA

Monochromacy



Original Color
15A89C



Achromatopsia
7B7B7B



Achromatomaly
568B87

CSS Examples

Text

The CSS property to change the color of the text to Hex 15A89C 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 #15A89C looks like.

```
.text, #text, p{  
    color:#15A89C  
}
```

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 #15A89C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15A89C
}
```

Border

The CSS property to change the border of an element to Hex 15A89C 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
#15A89C }
```

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

```
.border{ border-color:#15A89C }
```

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

Here you see how a box with a 4 pixel #15A89C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15A89C; -webkit-box-shadow:4px 4px  
4px 4px #15A89C; box-shadow:4px 4px 4px  
4px #15A89C }
```

Background

The CSS property to change the background color of an element to Hex 15A89C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15A89C }
```

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

```
.background{ background-color:#15A89C }
```

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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