

Converting Colors

Hex(09A895)

Have a look what the booklet for
Hex(09A895) contains.

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Color

Hex(09A895)

Conversions

Conversions Part 1

Format	Color
Hex	09A895
RGB	9, 168, 149
RGB Percent	4%, 66%, 58%
CMY	0.9647, 0.3412, 0.4157
CMYK	0.95, 0.00, 0.11, 0.34
HSL	173°, 90%, 35%
HSV	173°, 95%, 66%
XYZ	19.5401, 30.2333, 33.2395
YIQ	118.2930, -88.6650, -39.6170

Conversions

Conversions Part 2

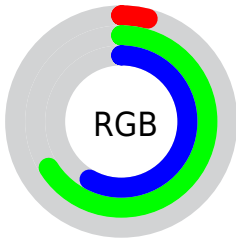
Format	Color
RYB	9, 94, 168
Decimal	632981
CIELab	61.85, -40.48, -0.43
CIELCh	62, 40.486, 180.615
Yxy	30.2333, 0.2354, 0.3642
Android (android.graphics.Color)	4278823061 (0xFF09A895)
YUV	118.2930, 15.1386, -95.8500
Hunter-Lab	54.9848, -32.7893, 2.6473

Details

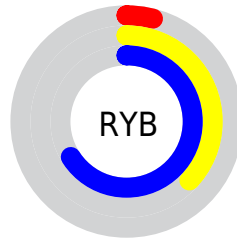
The Hex color **09A895** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A8091C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5FE0CB**, and **007362** is the 20% darker color. If you saturate the color by 10%, you get **00A894**, and if you desaturate by 10%, it is **1AA897**.

Distribution



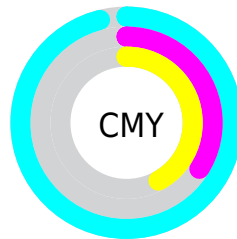
- Red (4%)
- Green (66%)
- Blue (58%)



- Red (4%)
- Yellow (37%)
- Blue (66%)



- Cyan (95%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)



- Cyan (96%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09A895 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 09A895 by changing the saturation by 10% instead.

 09A895

 09A895

FFFFFF

 008D7B

 5FE0CB

 007362

 7EFDE7

 005A4B

 9CFFFF

 004134

 BAFFFF

 002B1F

 D8FFFF

 000D07

 F6FFFF

 000000

 09A895

 09A895

 00A894

 1AA897

 2BA899

 3BA89B

 4CA89D

 5DA89F

 6EA8A1

 7FA8A3

 8FA8A5

 A0A8A7

Harmonies

Analogous

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



5AA571



09A895



00A7B9

Triad

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



09A895



9A8CD3



C88758

Complementary

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



09A895



A8091C

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.



D87C73



09A895



C37FB9

Square

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



09A895



5C99DD



D87896



AB944C

Rectangle

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



09A895



00A4CC



D87896



CF835F

Sweetspot

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



09A895



9EDBD4



1EA809



486E69



EDEDED



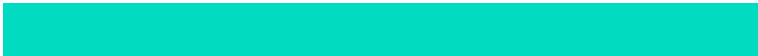
6E6E6E

Same Dimension

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



09A895



00DBC1



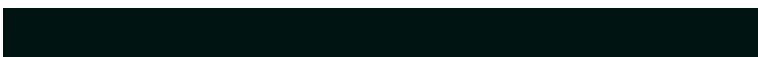
096EA8



4C5453



009482



001412

Inverse Universe

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



A8091C



DB001A



A84309



544C4D



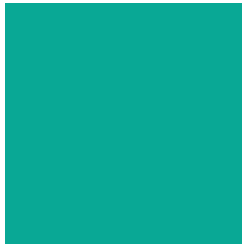
940012



140002

Previews

White Background



This preview shows how the Hex color 09A895 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



This preview shows how the Hex color 09A895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

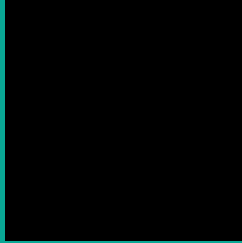
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 09A895 Background



This preview shows how black text looks on a background with the Hex color 09A895.

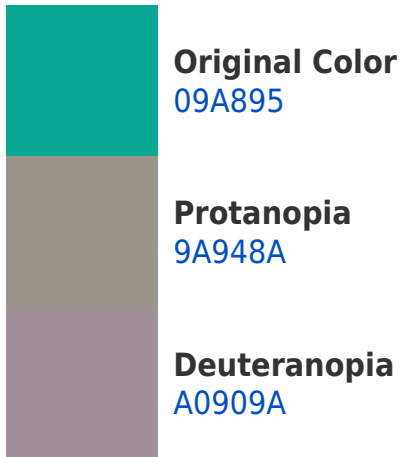


This preview shows how white text looks on a background with the Hex color 09A895.

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
2CA4B1

Trichromacy



Original Color
09A895



Protanomaly
659B8E



Deuteranomaly
699998



Tritanomaly
1FA5A7

Monochromacy



Original Color
09A895



Achromatopsia
767676



Achromatomaly
4E8881

CSS Examples

Text

The CSS property to change the color of the text to Hex 09A895 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 #09A895 looks like.

```
.text, #text, p{  
    color:#09A895  
}
```

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 #09A895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09A895
}
```

Border

The CSS property to change the border of an element to Hex 09A895 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
#09A895 }
```

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

```
.border{ border-color:#09A895 }
```

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

Here you see how a box with a 4 pixel #09A895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09A895; -webkit-box-shadow:4px 4px  
4px 4px #09A895; box-shadow:4px 4px 4px  
4px #09A895 }
```

Background

The CSS property to change the background color of an element to Hex 09A895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09A895 }
```

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

```
.background{ background-color:#09A895 }
```

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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