

Converting Colors

Hex(09A18E)

Have a look what the booklet for
Hex(09A18E) contains.

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Color

Hex(09A18E)

Conversions

Conversions Part 1

Format	Color
Hex	09A18E
RGB	9, 161, 142
RGB Percent	4%, 63%, 56%
CMY	0.9647, 0.3686, 0.4431
CMYK	0.94, 0.00, 0.12, 0.37
HSL	172°, 89%, 33%
HSV	172°, 94%, 63%
XYZ	17.7400, 27.5008, 29.9644
YIQ	113.3860, -84.4930, -38.1330

Conversions

Conversions Part 2

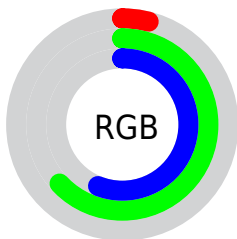
Format	Color
RYB	9, 90, 161
Decimal	631182
CIELab	59.44, -39.41, -0.03
CIELCh	59, 39.408, 180.044
Yxy	27.5008, 0.2359, 0.3657
Android (android.graphics.Color)	4278821262 (0xFF09A18E)
YUV	113.3860, 14.1067, -91.5465
Hunter-Lab	52.4412, -31.3885, 2.8311

Details

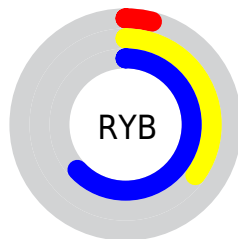
The Hex color **09A18E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A1091C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5DD9C4**, and **006C5C** is the 20% darker color. If you saturate the color by 10%, you get **00A18D**, and if you desaturate by 10%, it is **19A190**.

Distribution



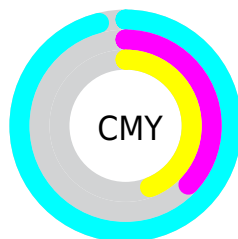
- Red (4%)
- Green (63%)
- Blue (56%)



- Red (4%)
- Yellow (35%)
- Blue (63%)



- Cyan (94%)
- Magenta (0%)
- Yellow (12%)
- Black (37%)



- Cyan (96%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09A18E 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 09A18E by changing the saturation by 10% instead.

09A18E

09A18E

FFFFFF

008674

5DD9C4

006C5C

7BF5E0

005344

99FFFC

003B2E

B7FFFF

00271A

D5FFFF

000000

F3FFFF

09A18E

09A18E

00A18D

19A190

 29A192

 39A194

 49A196

 5AA198

 6AA19A

 7AA19C

 8AA19E

 9AA1A0

Harmonies

Analogous

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



569E6B



09A18E



00A0B1

Triad

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



09A18E



9286CB



C08154

Complementary

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



09A18E



A1091C

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.



D0766E



09A18E



BA7AB2

Square

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



09A18E



5793D4



CF7390



A48D48

Rectangle

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



09A18E



009EC3



CF7390



C77D5B

Sweetspot

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



09A18E



97D1CA



1DA109



456964



E8E8E8



696969

Same Dimension

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



09A18E



00D1B7



0969A1



495251



00917F



001210

Inverse Universe

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



A1091C



D1001A



A14109



52494A



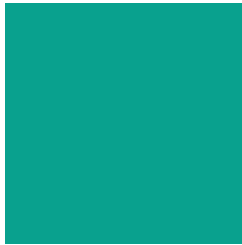
910012



120002

Previews

White Background



This preview shows how the Hex color 09A18E looks on a white background.

Color Contrast Check

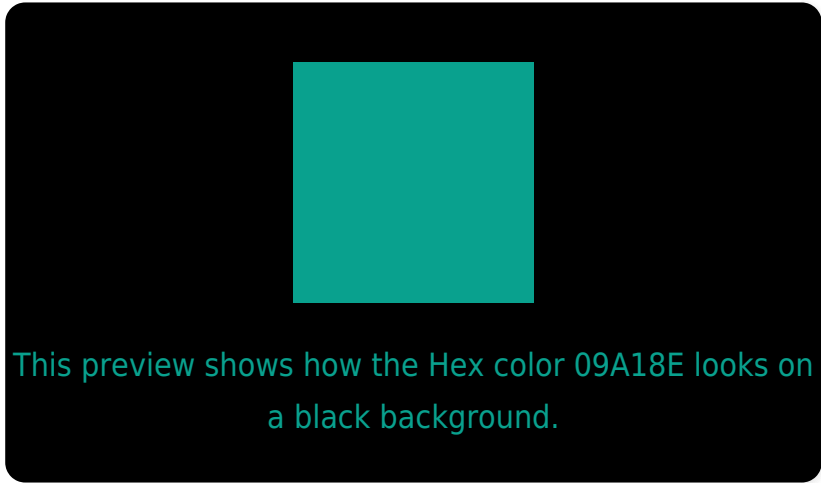
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

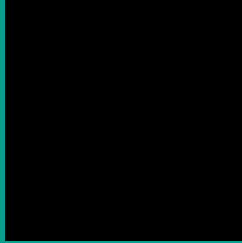
Any Text WCAG AA ✓ Pass

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 09A18E Background



This preview shows how black text looks on a background with the Hex color 09A18E.

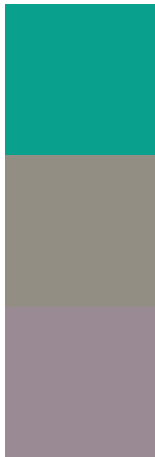


This preview shows how white text looks on a background with the Hex color 09A18E.

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](#).

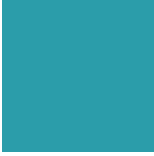
Dichromacy



Original Color
09A18E

Protanopia
938E83

Deuteranopia
9A8A93



Tritanopia
2B9DAA

Trichromacy



Original Color
09A18E



Protanomaly
619587



Deuteranomaly
659291



Tritanomaly
1F9EA0

Monochromacy



Original Color
09A18E



Achromatopsia
717171



Achromatomaly
4B827C

CSS Examples

Text

The CSS property to change the color of the text to Hex 09A18E 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 #09A18E looks like.

```
.text, #text, p{  
    color:#09A18E  
}
```

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 #09A18E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09A18E
}
```

Border

The CSS property to change the border of an element to Hex 09A18E 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
#09A18E }
```

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

```
.border{ border-color:#09A18E }
```

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

Here you see how a box with a 4 pixel #09A18E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09A18E; -webkit-box-shadow:4px 4px  
4px 4px #09A18E; box-shadow:4px 4px 4px  
4px #09A18E }
```

Background

The CSS property to change the background color of an element to Hex 09A18E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09A18E }
```

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

```
.background{ background-color:#09A18E }
```

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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