

Converting Colors

Hex(09887E)

Have a look what the booklet for
Hex(09887E) contains.

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Color

Hex(09887E)

Conversions

Conversions Part 1

Format	Color
Hex	09887E
RGB	9, 136, 126
RGB Percent	4%, 53%, 49%
CMY	0.9647, 0.4667, 0.5059
CMYK	0.93, 0.00, 0.07, 0.47
HSL	175°, 88%, 28%
HSV	175°, 93%, 53%
XYZ	12.6827, 19.1728, 22.7709
YIQ	96.8870, -72.4820, -30.0340

Conversions

Conversions Part 2

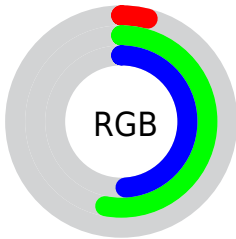
Format	Color
RYB	9, 75, 136
Decimal	624766
CIELab	50.89, -32.81, -3.39
CIELCh	51, 32.986, 185.897
Yxy	19.1728, 0.2322, 0.3510
Android (android.graphics.Color)	4278814846 (0xFF09887E)
YUV	96.8870, 14.3527, -77.0769
Hunter-Lab	43.7867, -24.9246, -0.1826

Details

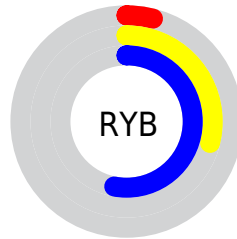
The Hex color **09887E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **880913**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **56BEB3**, and **00554D** is the 20% darker color. If you saturate the color by 10%, you get **00887D**, and if you desaturate by 10%, it is **17887F**.

Distribution



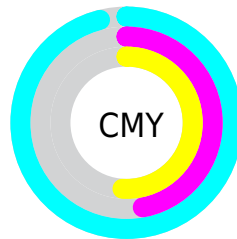
- Red (4%)
- Green (53%)
- Blue (49%)



- Red (4%)
- Yellow (29%)
- Blue (53%)



- Cyan (93%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (96%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09887E 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 09887E by changing the saturation by 10% instead.

 09887E

 09887E

FFFFFF

 006E65

 56BEB3

 00554D

 73DACE

 003D36

 90F7EA

 002721

 ADFFFF

 00070B

 CAFFFF

 000000

 E8FFFF

 09887E

 09887E

 00887D

 17887F

 248880

 328881

 3F8882

 4D8883

 5B8884

 688885

 768887

 838888

Harmonies

Analogous

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



448661



09887E



008799

Triad

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



09887E



8370A7



9E7046

Complementary

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



09887E



880913

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.



AD675A



09887E



A16691

Square

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



09887E



577AB1



AF6375



867940

Rectangle

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



09887E



0084A7



AF6375



A46C4B

Sweetspot

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



09887E



7FB0AC



148809



3B5957



D9D9D9



595959

Same Dimension

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



09887E



00B0A2



095388



3E4544



00857A



000505

Inverse Universe

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



880913



B0000E



883E09



453E3F



85000A



050000

Previews

White Background



This preview shows how the Hex color 09887E looks on a white background.

Color Contrast Check

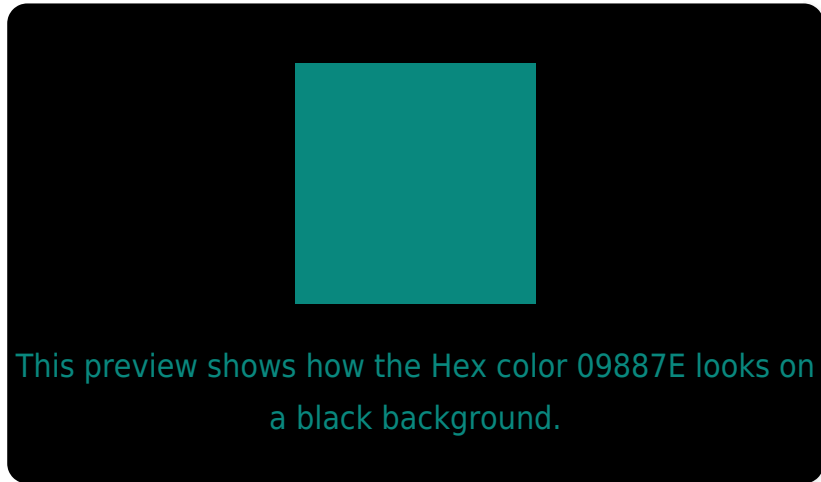
Large Text (above 18pt) WCAG AA ✓ Pass

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 09887E Background



This preview shows how black text looks on a background with the Hex color 09887E.

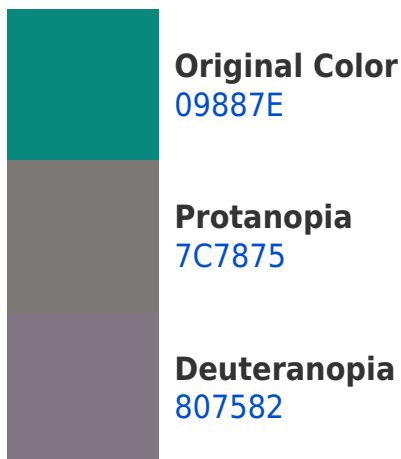


This preview shows how white text looks on a background with the Hex color 09887E.

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
218590

Trichromacy



Original Color
09887E



Protanomaly
527E78



Deuteranomaly
557C81



Tritanomaly
188689

Monochromacy



Original Color
09887E



Achromatopsia
616161



Achromatomaly
416F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 09887E 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 #09887E looks like.

```
.text, #text, p{  
    color:#09887E  
}
```

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 #09887E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09887E
}
```

Border

The CSS property to change the border of an element to Hex 09887E 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
#09887E }
```

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

```
.border{ border-color:#09887E }
```

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

Here you see how a box with a 4 pixel #09887E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09887E; -webkit-box-shadow:4px 4px  
4px 4px #09887E; box-shadow:4px 4px 4px  
4px #09887E }
```

Background

The CSS property to change the background color of an element to Hex 09887E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09887E }
```

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

```
.background{ background-color:#09887E }
```

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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