

Converting Colors

Hex(09937F)

Have a look what the booklet for
Hex(09937F) contains.

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Color

Hex(09937F)

Conversions

Conversions Part 1

Format	Color
Hex	09937F
RGB	9, 147, 127
RGB Percent	4%, 58%, 50%
CMY	0.9647, 0.4235, 0.5020
CMYK	0.94, 0.00, 0.14, 0.42
HSL	171°, 88%, 31%
HSV	171°, 94%, 58%
XYZ	14.3771, 22.4578, 23.6557
YIQ	103.4580, -75.8280, -35.4760

Conversions

Conversions Part 2

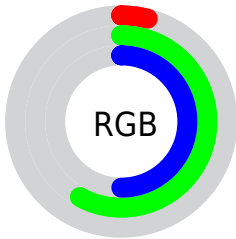
Format	Color
RYB	9, 83, 147
Decimal	627583
CIELab	54.51, -37.51, 1.34
CIELCh	55, 37.535, 177.961
Yxy	22.4578, 0.2377, 0.3713
Android (android.graphics.Color)	4278817663 (0xFF09937F)
YUV	103.4580, 11.6062, -82.8397
Hunter-Lab	47.3897, -28.7784, 3.5767

Details

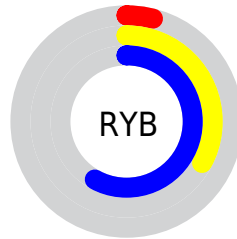
The Hex color **09937F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **93091D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **59CAB4**, and **005F4E** is the 20% darker color. If you saturate the color by 10%, you get **00937E**, and if you desaturate by 10%, it is **189381**.

Distribution



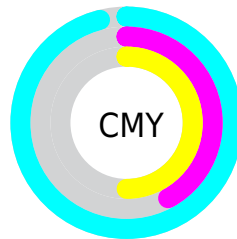
- Red (4%)
- Green (58%)
- Blue (50%)



- Red (4%)
- Yellow (33%)
- Blue (58%)



- Cyan (94%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)




- Cyan (96%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09937F 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 09937F by changing the saturation by 10% instead.


 09937F

 09937F

FFFFFF

 007966

 59CAB4

 005F4E

 76E6CF

 004737

 93FFEB

 002F22

 B1FFFF


 00190C

 CEFFFF

 000000

 ECFFFF

 09937F

 09937F

 00937E

 189381

■ 269383

■ 359385

■ 449388

■ 53938A

■ 61938C

■ 70938E

■ 7F9390

■ 8D9392

Harmonies

Analogous

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



50905F



09937F



0093A0

Triad

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



09937F



827BBC



B2744C

Complementary

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



09937F



93091D

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.



BF6A66



09937F



A96FA5

Square

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



09937F



4886C3



BD6886



988040

Rectangle

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



09937F



0090B2



BD6886



B87054

Sweetspot

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



09937F



8ABFB7



1E9309



40615C



E0E0E0



616161

Same Dimension

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



09937F



00BFA4



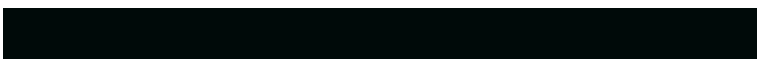
096393



434A49



008A76



000A09

Inverse Universe

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



93091D



BF001C



933909



4A4344



8A0014



0A0001

Previews

White Background



This preview shows how the Hex color 09937F 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

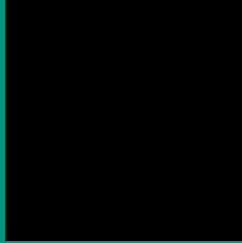
Any Text WCAG AA ✓ Pass

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 09937F Background



This preview shows how black text looks on a background with the Hex color 09937F.

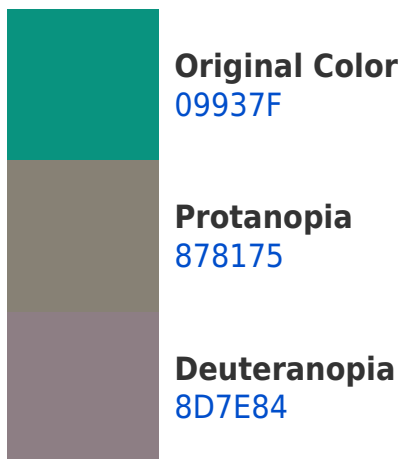


This preview shows how white text looks on a background with the Hex color 09937F.

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
298F9B

Trichromacy



Original Color
09937F



Protanomaly
598879



Deuteranomaly
5D8682



Tritanomaly
1D9091

Monochromacy



Original Color
09937F



Achromatopsia
676767



Achromatomaly
457770

CSS Examples

Text

The CSS property to change the color of the text to Hex 09937F 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 #09937F looks like.

```
.text, #text, p{  
    color:#09937F  
}
```

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 #09937F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09937F
}
```

Border

The CSS property to change the border of an element to Hex 09937F 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
#09937F }
```

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

```
.border{ border-color:#09937F }
```

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

Here you see how a box with a 4 pixel #09937F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09937F; -webkit-box-shadow:4px 4px  
4px 4px #09937F; box-shadow:4px 4px 4px  
4px #09937F }
```

Background

The CSS property to change the background color of an element to Hex 09937F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09937F }
```

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

```
.background{ background-color:#09937F }
```

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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