

Converting Colors

Hex(019E7A)

Have a look what the booklet for
Hex(019E7A) contains.

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Color

Hex(019E7A)

Conversions

Conversions Part 1

Format	Color
Hex	019E7A
RGB	1, 158, 122
RGB Percent	0%, 62%, 48%
CMY	0.9961, 0.3804, 0.5216
CMYK	0.99, 0.00, 0.23, 0.38
HSL	166°, 99%, 31%
HSV	166°, 99%, 62%
XYZ	15.7522, 25.8653, 22.5746
YIQ	106.9530, -82.0160, -44.4800

Conversions

Conversions Part 2

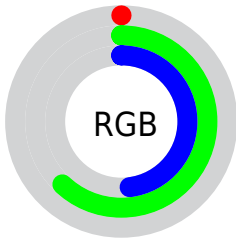
Format	Color
RYB	1, 90, 158
Decimal	106106
CIELab	57.91, -43.93, 9.06
CIELCh	58, 44.852, 168.350
Yxy	25.8653, 0.2454, 0.4029
Android (android.graphics.Color)	4278296186 (0xFF019E7A)
YUV	106.9530, 7.4182, -92.9208
Hunter-Lab	50.8580, -33.7146, 9.2832

Details

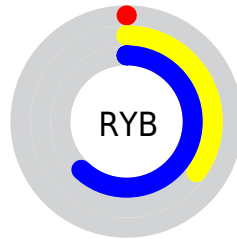
The Hex color **019E7A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9E0125**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **59D6AE**, and **006949** is the 20% darker color. If you saturate the color by 10%, you get **009E7A**, and if you desaturate by 10%, it is **119E7E**.

Distribution



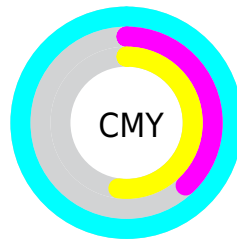
- Red (0%)
- Green (62%)
- Blue (48%)



- Red (0%)
- Yellow (35%)
- Blue (62%)



- Cyan (99%)
- Magenta (0%)
- Yellow (23%)
- Black (38%)




- Cyan (100%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 019E7A 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 019E7A by changing the saturation by 10% instead.


 019E7A

 019E7A


FFFFFF

 008361

 59D6AE

 006949

 77F2CA

 005033


 95FFE6

 00381E

 B2FFFF

 002305

 D0FFFF

 000000

 EEEFFF

 019E7A

 019E7A

 009E7A

 119E7E

■ 219E81

■ 309E85

■ 409E88

■ 509E8C

■ 609E90

■ 709E93

■ 7F9E97

■ 8F9E9B

Harmonies

Analogous

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



5D9955



019E7A



009FA3

Triad

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



019E7A



7587D6



CA7552

Complementary

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



019E7A



9E0125

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.



D56B75



019E7A



AC77C0

Square

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



019E7A



0094D8



CC6C9C



AF843C

Rectangle

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



019E7A



009DBB



CC6C9C



CF715C

Sweetspot

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



019E7A



91CFC0



269E01



436960



E8E8E8



696969

Same Dimension

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



019E7A



00CF9F



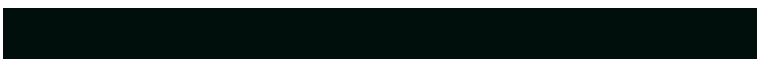
01749E



474F4D



008F6E



000F0C

Inverse Universe

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



9E0125



CF002F



9E2B01



4F4749



8F0021



0F0004

Previews

White Background



This preview shows how the Hex color 019E7A looks on a white background.

Color Contrast Check

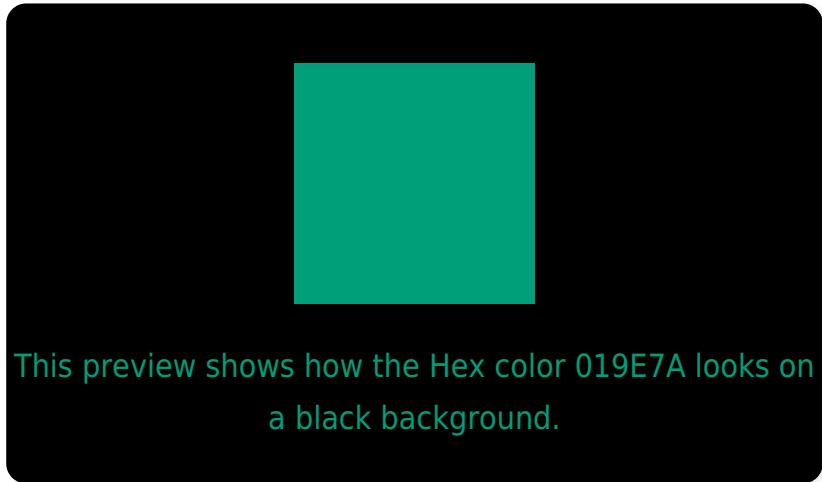
Large Text (above 18pt) WCAG AA ✓ Pass

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

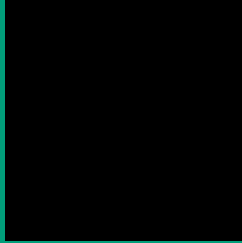
Any Text WCAG AA ✓ Pass

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 019E7A Background



This preview shows how black text looks on a background with the Hex color 019E7A.

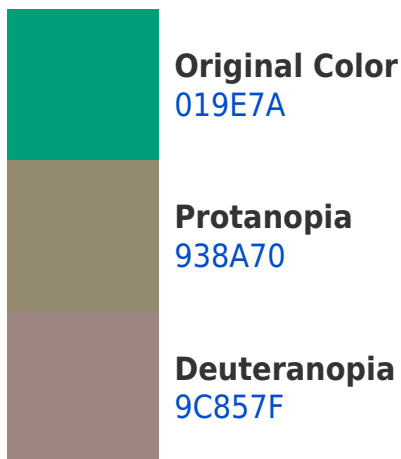


This preview shows how white text looks on a background with the Hex color 019E7A.

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
3198A5

Trichromacy



Original Color

019E7A



Protanomaly

5E9174



Deuteranomaly

648E7D



Tritanomaly

209A95

Monochromacy



Original Color

019E7A



Achromatopsia

6B6B6B



Achromatomaly

447E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 019E7A 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 #019E7A looks like.

```
.text, #text, p{  
    color:#019E7A  
}
```

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 #019E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #019E7A
}
```

Border

The CSS property to change the border of an element to Hex 019E7A 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
#019E7A }
```

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

```
.border{ border-color:#019E7A }
```

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

Here you see how a box with a 4 pixel #019E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #019E7A; -webkit-box-shadow:4px 4px  
4px 4px #019E7A; box-shadow:4px 4px 4px  
4px #019E7A }
```

Background

The CSS property to change the background color of an element to Hex 019E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#019E7A }
```

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

```
.background{ background-color:#019E7A }
```

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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