

Converting Colors

Hex(017F8A)

Have a look what the booklet for
Hex(017F8A) contains.

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Color

Hex(017F8A)

Conversions

Conversions Part 1

Format	Color
Hex	017F8A
RGB	1, 127, 138
RGB Percent	0%, 50%, 54%
CMY	0.9961, 0.5020, 0.4588
CMYK	0.99, 0.08, 0.00, 0.46
HSL	185°, 99%, 27%
HSV	185°, 99%, 54%
XYZ	12.1893, 17.0202, 26.6875
YIQ	90.5800, -78.6270, -23.2910

Conversions

Conversions Part 2

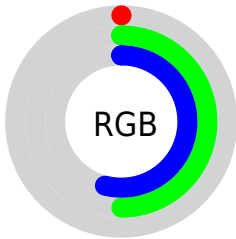
Format	Color
RYB	1, 67, 138
Decimal	98186
CIELab	48.29, -24.95, -14.33
CIElCh	48, 28.769, 209.868
Yxy	17.0202, 0.2181, 0.3045
Android (android.graphics.Color)	4278288266 (0xFF017F8A)
YUV	90.5800, 23.3781, -78.5617
Hunter-Lab	41.2555, -19.4576, -9.4749

Details

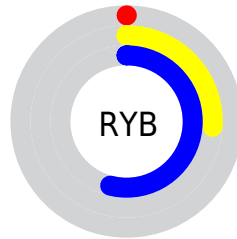
The Hex color **017F8A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A0C01**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **54B4BF**, and **004D58** is the 20% darker color. If you saturate the color by 10%, you get **007F8A**, and if you desaturate by 10%, it is **0F808A**.

Distribution



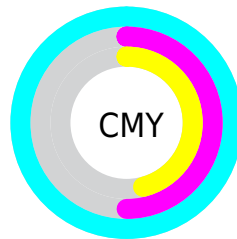
- Red (0%)
- Green (50%)
- Blue (54%)



- Red (0%)
- Yellow (26%)
- Blue (54%)



- Cyan (99%)
- Magenta (8%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 017F8A 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 017F8A by changing the saturation by 10% instead.

017F8A

017F8A

FFFFFF

006671

54B4BF

004D58

71D0DB

003641

8EECF8

00222B

ABFFFF

000117

C9FFFF

000000

E6FFFF

017F8A

017F8A

007F8A

0F808A

■ 1D818A

■ 2A828A

■ 38838A

■ 46858A

■ 54868A

■ 62878A

■ 6F888A

■ 7D898A

Harmonies

Analogous

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



2A8072



017F8A



217C9C

Triad

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



017F8A



91648B



837142

Complementary

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



017F8A



8A0C01

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.



966949



017F8A



A06074

Square

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



017F8A



756C9D



A1625C



697848

Rectangle

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



017F8A



4078A2



A1625C



8A6E43

Sweetspot

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



017F8A



7DAEB3



018A0A



395759



D9D9D9



595959

Same Dimension

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



017F8A



00A4B3



013C8A



3E4445



007A85



000505

Inverse Universe

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



8A017F



B300A4



8A4F01



453E44



85007A



050005

Previews

White Background



This preview shows how the Hex color 017F8A looks on a white background.

Color Contrast Check

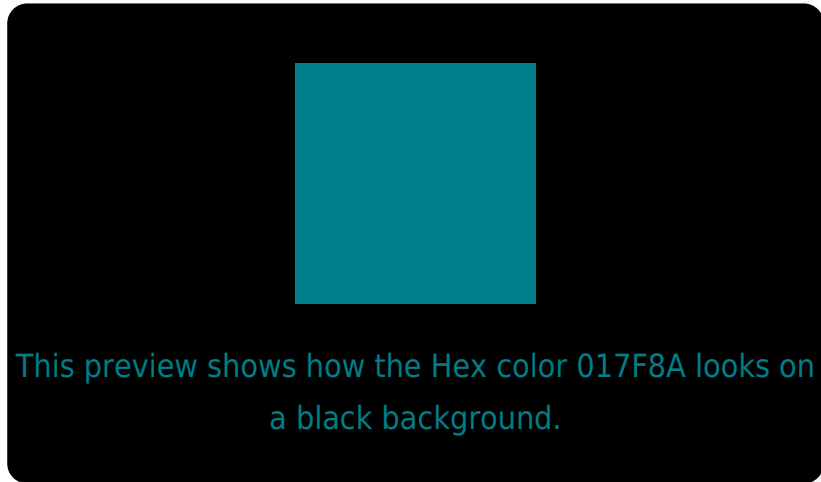
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

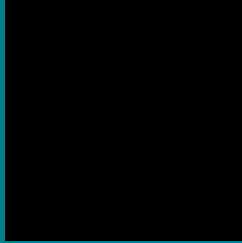
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 017F8A Background



This preview shows how black text looks on a background with the Hex color 017F8A.

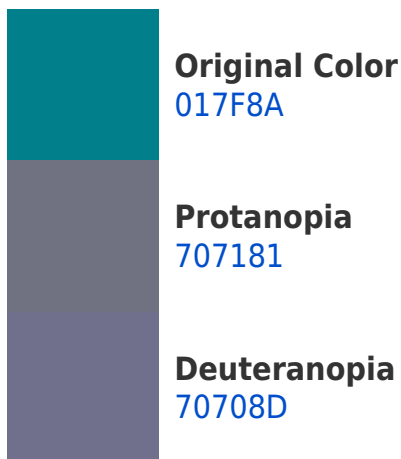


This preview shows how white text looks on a background with the Hex color 017F8A.

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](#).

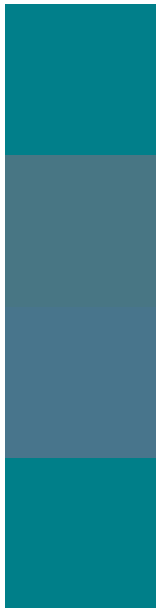
Dichromacy





Tritanopia
007F89

Trichromacy



Original Color
017F8A

Protanomaly
487684

Deuteranomaly
48758C

Tritanomaly
007F89

Monochromacy



Original Color
017F8A

Achromatopsia
5B5B5B

Achromatomaly
3A686C

CSS Examples

Text

The CSS property to change the color of the text to Hex 017F8A 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 #017F8A looks like.

```
.text, #text, p{  
    color:#017F8A  
}
```

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 #017F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #017F8A
}
```

Border

The CSS property to change the border of an element to Hex 017F8A 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
#017F8A }
```

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

```
.border{ border-color:#017F8A }
```

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

Here you see how a box with a 4 pixel #017F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #017F8A; -webkit-box-shadow:4px 4px  
4px 4px #017F8A; box-shadow:4px 4px 4px  
4px #017F8A }
```

Background

The CSS property to change the background color of an element to Hex 017F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#017F8A }
```

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

```
.background{ background-color:#017F8A }
```

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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